

Curriculum Vitae Claus Lamm

Current Position

Full Professor (Biological Psychology)
Head of the Social, Cognitive, and Affective Neuroscience Unit
Department of Cognition, Emotion, and Methods in Psychology
Faculty of Psychology, University of Vienna, Austria
<https://scan-psy.univie.ac.at/about-us/claus-lamm/>

Corresponding member of the Austrian Academy of Sciences

Academic Degrees

- 10/11/2005 Postdoctoral dissertation ("Habilitation"), Faculty of Psychology, University of Vienna, Austria
- 20/07/2001 Ph.D., Psychology (with distinction/summa cum laude), University of Vienna, Austria
- 24/01/1997 M.Sc., Psychology (with distinction/summa cum laude), University of Vienna, Austria

Academic appointments

- Elected member of the Academic Council of the Austrian Academy of Sciences (since 03/2022)
- Collaboration of Excellence Visiting Scholar, Neuroscience Sector, SISSA Trieste, Italy (09/19-11/19)
- Director of the MRI Center of the University of Vienna (since 09/2014)
- Elected Corresponding Member of the Austrian Academy of Sciences (since 05/2014)
- Full Professor (Biological Psychology) and Head of the Social, Cognitive, and Affective Neuroscience Unit, Faculty of Psychology, University of Vienna (since 09/2010)
- Assistant Professor ("Oberassistent"), Laboratory for Social and Neural Systems Research, University of Zurich, Switzerland (10/2008-08/2010)
- Research Associate, Social Cognitive Neuroscience Laboratory, Department of Psychology, The University of Chicago, Chicago, IL, USA (01/2006-09/2008)
- Post-doctoral Researcher, INSERM (French National Institute for Health and Medical Research) Unit 280 - Mental Processes and Brain Activation, Bron, France (12/2004-12/2005)
- University Lecturer, Brain Research Laboratory, Department of Psychology, University of Vienna (03/1997-09/2002; 10/2004-11/2004; interrupted by one year of mandatory civilian service and one year of voluntary social service)
- Statistician and Research Assistant (half-time), Department of Radiology I, General University Hospital of Vienna (02/1997-09/1998)
- Research Assistant, Brain Research Laboratory, Department of Psychology, University of Vienna (01/1996-02/1997)
- Research Assistant, Department of Statistics, Methodology and Differential Psychology, University of Vienna (01-12/1996)
- Biostatistician and Study Design Consultant for Research Projects in Anaesthesiology, Dentistry, Psychiatry, Psychology, and Radiology (since 1995)

Contributions to academic organizational autonomy

Deputy Speaker of the Vienna Cognitive Science Hub, University of Vienna
(since 02/2017)

Vice Dean for Research and Early Career Researchers, Faculty of Psychology,
University of Vienna (since 10/2012)

Deputy Director of the Department of Basic Psychological Research and Research
Methods, Faculty of Psychology, University of Vienna, Austria (07/2013-09/2020)

Ombudsperson for Early Career Researchers (since 10/2020)

Honors and Awards

2024: Finalist of the FENS-Kavli Network of Excellence (FKNE) Mentoring Prize.

2024: Association for Psychological Science, Lifetime Achievement Mentor Award

2023: Turin Academy of Science "Maria Luisa Ferrari Soave e Dott. Luigi Soave" for
Human Biology Award

2020/2022: Short-listed for the Leadership Award 2022 and the Corona New
Leadership Award 2020, University of Vienna

2018: Association for Psychological Research, APS Fellow

2017/2021/2024: Austrian Science Fund (FWF), Elected Board Member, Reporter for
domain Neurobiology and Cognitive Neurosciences

2014: Elisabeth Lutz Prize, Austrian Academy of Science, in recognition of research
on the neuroscientific and biological mechanisms of human social behavior.

2014: Elected corresponding member of the Austrian Academy of Sciences, Division
of Mathematics and the Natural Sciences

2007, 2008: Fellow of the 2007 Mind and Life Summer Research Institute, Garrison,
NY, USA

1998, 2000, 2008: Travel grants (Program International Communication) awarded
by the Austrian Science Association

2001: Fellow of the 2001 Summer Institute in Cognitive Neuroscience, Dartmouth
College, Hanover, NH, USA

2001: Scholarship awarded by the Faculty of Human and Social Sciences, University
of Vienna

2000: Theodor-Körner Award for Science and Arts

1999: Research Scholarship awarded by the Faculty of Human and Social Sciences of
the University of Vienna

1997: Award by the Austrian Federal Minister of Science and Transportation
("Förderpreis des Bundesministers für Wissenschaft und Verkehr"; awarded to the
top 40 graduating students of all Austrian Universities in 1997)

1995-1997: Scholarships awarded by the Academic Senate of the University of
Vienna

1994-1997: Scholarships awarded by the Faculty of Human and Social Sciences,
University of Vienna

Publication and conference awards

2024: BSPA Publication Award for Innovation in Behavioral Policy, for the paper
"Addressing climate change with behavioral science: A global intervention
tournament in 63 countries", by Vlasceanu*, M., Doell*, K. C., Bak Coleman*, J.
B., Todorova, B., Berkebile-Weinberg, M. M., Grayson, S. J., Patel, Y., Goldwert,
D., Pei, Y., Chakroff, A., Pronizius, E., van den Broek, K. L., Vlasceanu, D.,

- Constantino, S., Morais, M. J., Schumann, P., Rathje, S., Fang, K., Aglioti, S. M., ... Lamm, C., ... Van Bavel, J. J., published in *Science Advances*.
- 2023: Best poster award (Sladky R, Kargl D, Haubensak W, Lamm C. "An active inference perspective for the amygdala complex"), International Workshop on Active Inference, Ghent (Belgium), 09/2023.
- 2022: S4SN conference (Society for Social Neuroscience) Open & Reproducible Science Award for the poster Zhang L, Lengersdorff L, Mikus N, Gläscher J, Lamm C. Using reinforcement learning models in social neuroscience: frameworks, pitfalls and suggestions of best practices (based on the paper with the same name published in *Soc Cogn Affect Neurosci*. 2020, 15(6):695-707, doi:10.1093/scan/nsaa089)
- 2020: Best poster award (Feneberg A. C., Forbes, P., Lamm, C., Pronizius, E., Silani, G., Stijovic, A., Nater, U. M. "Quarantunes – Eine Ecological Momentary Assessment-Studie zu den Effekten von Musikhören auf Stresserleben und Stimmung während der COVID-19-Krise"), Virtuelle Postertagung der Deutschen Gesellschaft für Musikpsychologie e.V. (DGM), 09/2020.
- 2020: Giselher Guttmann Prize of the Austrian Society for Neuropsychology, for the paper "Another's pain in my brain: No evidence that placebo analgesia affects the sensory-discriminative component in empathy for pain, by Hartmann, H., Rütgen, M., Riva, F., & Lamm, C., published in *NeuroImage*
- 2019: Giselher Guttmann Prize of the Austrian Society for Neuropsychology, for the paper "Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy", by Rütgen, M., Pletti, C., Tik, M., Kraus, C., Pfabigan, D. M., Sladky, R., Klöbl, M., Woletz, M., Vanicek T., Windischberger, C., Lanzenberger, R. & Lamm, C., published in *Translational Psychiatry*.
- 2016: Giselher Guttmann Prize of the Austrian Society for Neuropsychology, for the paper „Distinct neural processes are engaged in the modulation of mimicry by social group-membership and emotional expressions“, by Rauchbauer, B., Majdandžić, J., Hummer, A., Windischberger, C. & Lamm, C., published in *Cortex*
- 2015: Giselher Guttmann Prize of the Austrian Society for Neuropsychology, for the paper "Event-related potentials in performance monitoring are influenced by the endogenous opioid system", by Pfabigan D., Pripfl J., Kroll S.-L., Sailer, U., Lamm, C., published in *Neuropsychologia*
- 2015: Best poster award (Bukowski, H., Silani, G., Riva, F., Tomova, L., Lamm, C. "Measuring and decomposing empathy"), Social Cognition Workshop Bangor, Aug 27-28 2015.
- 2014: Paper of the Month for the March 2015 issue awarded by *International Psychogeriatrics (IPG)*.

Awards and career steps of mentees

A particular focus of my academic activities is the career development and mentoring of early career researchers and junior collaborators. The following prior mentees now hold Faculty positions:

Kim Doell, Isabella Wagner, Giuseppe Ugazio, Uta Sailer, Henryk Bukowski, Daniel Pfabigan, Livia Tomova, Lei Zhang (Universities of Konstanz, Vienna, Geneva, Oslo, Louvain, Bergen, Cardiff, Birmingham), or have moved on to top-level academic management positions: Jürgen Pripfl, Head of Christian Doppler Research Association.

Many of them have received awards related to joint work. Particular mention is deserved by Lei Zhang, for an APS Rising Star Award in 2022, Isabella Wagner for a FESN Cortex Prize 2023, the three Awards of Excellence – annually awarded to the top

40 Ph.D. students in Austria across all fields and universities - awarded to my Ph.D. students Jessie Adriaense, Livia Tomova, Anjuli Barber (co-supervisor), and one nomination for that award (to Markus Rütgen), and the two Bank Austria Ph.D. thesis awards to Jürgen Goller and Lisa Rosenberger.

Kimberly Doell, Ph.D., as a Postdoc

Climate Change Data Visualization (ClimaViz) Project

Awarded by the Environment and Climate Research Hub of the University of Vienna, 2023-2024

Isabella Wagner, Ph.D., as a Postdoc

Cortex Prize 2023

Federation of the European Societies for Neuropsychology

Lei Zhang, Ph.D., as a Postdoc

SfN Trainee Professional Development Award of the SfN Global Connectome, 2020

Open Science Commendation Award, ESCAN, 2022

Association for Psychological Science (APS) Rising Star Award, 2022

Raúl Hernández Pérez, Bianca Schuster and Jonas Nitschke, ESPRIT FWF Awards, as Postdocs

Boryana Todorova, as a Ph.D. candidate

Best poster award 3rd place European Society for Cognitive and Affective Neuroscience (ESCAN), 2022

Mobility Fellowship for a 2-month research stay in University of Peking, Beijing, China to investigate the role of individualism and collectivism in pro-environmental behavior, 2021

Jürgen Goller, as a Ph.D. candidate

Bank Austria Research Award for Ph.D. thesis, University of Vienna, 2021

Lisa Anna Rosenberger, Ph.D. candidate

Bank Austria Research Award for Ph.D. thesis, University of Vienna, 2021

Catherine-Noémie Alexandrina Guran, Ph.D., as a Postdoc

SfN Trainee Professional Development Award of the SfN Global Connectome, 2020

Marie Jahoda-Grant for postdoctoral researchers, University of Vienna, 2024

Alexa Müllner-Huber, Ph.D., Ph.D., as a Postdoc

Best poster award European Society for Cognitive and Affective Neuroscience (ESCAN), 2022

Marie Jahoda-Grant for postdoctoral researchers, University of Vienna, 2020

Ekaterina Pronizius, as a Ph.D. candidate

uni:docs (Univie internal competitive and externally peer-reviewed) Ph.D. scholarships of the University of Vienna, 2019

Jessie Adriaense, as a Ph.D. candidate

Award of Excellence 2021, Federal Ministry of Science, awarding top 40 Austrian Ph.D. students

Helena Hartmann, as a Ph.D. and Postdoc

Open & Reproducible Science Prize for human social neuroscience, Society for Social Neuroscience, 2023/24 (award partially related to approach initiated during PhD, but received while a postdoc at UK Essen)
Giselher Guttman Preis for excellent young researchers in neuropsychology, 2020
External Poster Prize, 9th International Max Planck Research School on Neuroscience of Communication: Function, Structure and Plasticity, Leipzig, 2019
uni:docs (Univie internal competitive and externally peer-reviewed) Ph.D. scholarship of the University of Vienna, 2017

Magdalena Boch, as a Ph.D. and post doc

L'Oreal & UNESCO award "For women in Science" for excellent research on the evolutionary roots of social cognition, 2024
Best poster award, Salzburg Mind Brain Annual Meeting (SAMBA), 2024
Best poster award, Young Scientists Poster Exhibition, Faculty of Psychology, 2018

Anjuli Barber, as a Ph.D. candidate (co-supervisor, with Ludwig Huber)

Award of Excellence 2017, Federal Ministry of Science, awarding top 40 Austrian Ph.D. students

Markus Rütgen, as a Ph.D. candidate

Doc. award by the City of Vienna for outstanding PhD thesis, 2016
Nominated for Award of Excellence 2017, Federal Ministry of Science, awarding top 40 Austrian Ph.D. students
Best poster award, Young Scientists Poster Exhibition, Faculty of Psychology, 2016

Livia Tomova, as a Ph.D. and Postdoc

L'Oreal & UNESCO award "For women in Science" for excellent research on the effects of acute stress on prosociality, 2016
Recipient of Award of Excellence 2016, Federal Ministry of Science, awarding top 40 Austrian Ph.D. students

Birgit Rauchbauer, as a Ph.D. candidate

Giselher Guttman Prize for excellent young researchers in clinical neuropsychology, 2016

Daniela Pfabigan, Ph.D., as a Postdoc

Giselher Guttman Prize for excellent young researchers in clinical neuropsychology, 2015

Anna Wucherer, as a Ph.D. candidate

uni:docs (Univie internal competitive and externally peer-reviewed) Ph.D. scholarship of the University of Vienna, 2014

Professional Memberships

Association for Psychological Science (APS)
European Society for Cognitive and Affective Neuroscience (ESCAN)
International Society of Psychoneuroendocrinology (ISPNE)
Austrian Neuroscience Association (ANA/FENS)
Österreichische Gesellschaft für Psychologie (Austrian Psychology Association)
Society for Social Neuroscience (S4SN)
Society for Neuroscience (SfN)

Editorial Services and Advisory Boards

Associate Editor/Action Editor

Social Cognitive and Affective Neuroscience (SCAN)

PLoS One

Cognitive Processing

Emotion

Member of Editorial Board

Social Neuroscience

Ad-hoc reviewing (selection)

Behavioral and Brain Sciences; Biological Psychology; Brain and Cognition; Brain Research; Brain Structure and Function; Cerebral Cortex; Cognition; Current Biology; Emotion; European Journal of Neuroscience; Human Brain Mapping; Journal of Applied Physiology; Journal of Experimental Social Psychology; Journal of Neuroscience; Journal of Neuroscience Methods; International Journal of Psychophysiology; Motivation and Emotion; Nature Communications, Nature Neuroscience; Neuropsychologia; NeuroImage; Neuroscience Letters; Neuron; Neuroscience; Neuroscience and Biobehavioral Reviews; Proceedings of the National Academy of Sciences USA (PNAS); Psychophysiology; Psychological Science; Science, Science Advances, Science: Translational Science; Social Neuroscience; Social Cognitive and Affective Neuroscience; Trends in Cognitive Sciences

Grant reviewing (selection)

European Research Council (ERC); European Science Foundation (ESF); Deutsche Forschungsgemeinschaft (DFG); Flanders Research Foundation, Belgium; Harry Frank Guggenheim Foundation, USA; Medical Research Council (MRC), UK; Mercator Stiftung, Germany; Ministry of Education and Research, Italy; Natural Sciences and Engineering Research Council of Canada; Social Sciences and Humanities Research Council of Canada (SSHRC); Swiss National Science Fund (SNSF); The Netherlands Organization for Scientific Research (NOW); French National Research Agency.

Advisory Boards

- Czech BioImaging Advisory Board
- Austrian Society for Neuropsychology (head of scientific council)
- Expert board member, for Covid-19 related knowledge and scientific consulting, Austrian Academy of Sciences (2022-2023)
- Scientific board member, Covid-19 Future Operations Clearing Board of the Federal Chancellery of the Austrian Government (2022-2023)

Editor of a special issue on 'The Social Neuroscience of Empathy' (together with Simone Shamay-Tsoory), in: *Neuropsychologia*

Current Key collaborators

Kimberly Doell, Environmental Collective Behaviour Group, Centre for the Advanced Study of Collective Behaviour, Konstanz

Ludwig Huber, Comparative Cognition Unit, Messerli Research Institute, Veterinary University of Medicine, Vienna

Patrick Luyten, KU Leuven, Belgium

Friederike Range, Domestication Lab, Veterinary University of Medicine

Giorgia Silani, Clinical Social Neuroscience Lab, University of Vienna, Austria

Organization of Conferences and Symposia

Co-organizer of Workshop "From self-knowledge to knowing others: New advances in characterizing socio-cognitive dysfunctions in the general and clinical populations", Brussels, Aug 31 to Sept 1, 2023

European Society for Cognitive and Affective Neuroscience (ESCAN) 2022 Conference, main organizer (together with Giorgia Silani), Vienna, Austria, July 19 to 22, 2022 (400 international attendees)

CogSci Conference 2021 - Comparative Cognition – Animal Minds, Vienna, Austria, - July 26-29, 2021 (main organiser and program committee member with Tecumseh Fitch, Helmut Leder, Kristin Tessmar-Raible) online due to Covid-19 (1000+ international attendees)

57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017 (program committee member)

5th Resting state and brain connectivity conference, Vienna, Austria, September 21-23, 2016. (local organizing committee member, 600+ international attendees)

55th Conference of Experimental Psychologists ("TeaP"), Vienna, Austria, March 24-27, 2013. (co-organizer with Ulrich Ansorge & Helmut Leder; 1000+ international attendees)

5th Neuroscience Vienna Network Meeting, Vienna, Austria, May 26, 2015. (main organizer, 100+ attendees from greater Vienna area)

11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April 24 – 26, 2014 (main organiser together with Christian Korunka and Arnd Florack, 300+ attendees, predominantly from Austria, Germany and Switzerland)

Symposia:

Symposium "The Neurobiological Basis of Human Social Behavior", in memory of Christoph Eisenegger, Vienna, September 19, 2022 (main organizer together with members of the NBU Vienna, 100+ international attendees)

Satellite Symposium (chair, with Lasana Harris UCL), "MAKEITSOCIAL: Making a difference - the role of Social Neuroscience in addressing pressing societal challenges", European Society for Cognitive and Affective Neuroscience (ESCAN) 2021 (virtual)

Symposium (chair, with Arvid Kappas): "In memory of John T. Cacioppo", 4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 19-22, 2018.

Symposium (chair): "Recent progress in comparative social psychophysiology", 57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 13, 2017.

Symposium (chair): "Novel approaches towards causal inference in Social Neuroscience", International Congress of Psychological Science, Vienna, Austria, March 23-25, 2017.

Symposium (chair): "Novel Perspectives in Social Cognitive Neuroscience", 3rd international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, June 23-26, 2016.

Symposium (chair, with Jasminka Majdandžić, Social, Cognitive and Affective Neuroscience Unit, Vienna, Austria): "Social cognition: Developmental perspectives", 55th Conference of Experimental Psychologists ("TeaP: Tagung experimentell arbeitender Psychologen"), Vienna, Austria, March 24-27, 2013.

Symposium (chair, with Ludwig Huber, Messerli Research Institute, Vienna, Austria): "Social cognition: Imitation, empathy and prosocial behavior", 55th Conference of Experimental Psychologists ("TeaP: Tagung experimentell arbeitender Psychologen"), Vienna, Austria, March 24-27, 2013.

Symposium (chaired with Raffaella Rumiati, SISSA Triest, Italy): "The human others – a biological perspective from social neuroscience", 3rd Scientific Meeting of the Federation of European Societies of Neuropsychology, Basel, Switzerland, September 9, 2011.

Funding

Total cumulative funding as PI or co-PI: > € 14 m

*Funding in chronological order; 5 most important grants marked by ****

Current grants

Der Zusammenhang zwischen Stress und sozialen Entscheidungen (Co-Investigator, PI Jonas Nitschke)

Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 369.928,25

Duration: 01/25-12/27

Cluster of Excellence: Neuronal circuits in health and disease behavior (Key researcher, 8 PIs from universities throughout Austria)

Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 2.939.070,-

Duration: 10/23-09/28

Self-other distinction in borderline personality disorder (Principal Investigator), WEAVE project (PIs Patrick Luyten, Henrik Bukowski, Belgium)

Total funding: 1,022,291.00 €

Austrian part: Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 393.939,-

Duration: 7/25-06/29

Evolution of the canine and primate social temporal lobe (Co-Investigator, PI Magdalena Boch)

Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 271.950,-

Duration: 02/25 – 02/28

****The role of incentives and uncertainty in prosocial behavior (Principal Investigator)*

Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 393.535,52

Duration: 02/24 – 01/27

D.App: a novel mobile assessment solution for depression (*Principal Investigator*)
Wirtschaftsagentur Wien
Amount: € 234.781,-
Duration: 01/24 – 12/26

Networks of the social brain (Co-Investigator, PI Raul Hernández-Pérez)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 346.036,-
Duration: 02/23 – 01/26

Dopamine and the precision weighting of social cues (Co-Investigator, PI Bianca Schuster)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 301.120,-
Duration: 01/23 – 12/25

IP-PAD: Interdisciplinary Perspectives on the Politics of Adolescence & Democracy (Faculty Member, Co-Investigator)
MSCA Doctoral Network funded by Horizon Europe
Amount: € 810.993,60
Duration: 03/23 – 02/27

Interaction of human attitudes with dog/wolf behavior (Co-PI, PI Friederike Range)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 604.524,90
Duration: 11/21 – 10/25

The role of empathy in decision making (Co-Investigator, PI Markus Rütgen)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 87.890,-
Duration: 09/21 – 09/25

The social grid: hexadirectional coding of social memory (Co-Investigator, PI Isabella Wagner)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 399.535,50
Duration: 07/21 – 06/25

Doctoral College "CogCom2: Cognition and Communication 2" (Co-investigator and Faculty member)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 5.668.373,04
Duration: 01/2017 – 09/2025

Previous grants:

****Convergent evolution of the social brain? A comparative dog-human fMRI approach - EVOSOCBRAIN (Principal Investigator)*
Vienna Science and Technology Fund (WWTF)
Amount: € 600.000,-
Duration: 10/19 - 09/23

****Unravelling the role of the opioid system in pain empathy (Principal Investigator)*
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 400.545,-
Duration: 10/2019 – 09/2024

BayesEmpathy: Bayesian integration in pain and empathy for pain (Co-PI, Host)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 162.080,-
Duration: 05/21 – 04/23

Effect of acute stress on social behavior (Principal Investigator)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 362.000,- (total sum: € 782.000,-)
Duration: 10/2019 – 02/2023

The effects of violent video games on brain and social behavior (Co-Principal Investigator)
Karolinska Institutet, Stockholm, Sweden
Amount: € 41.839,69
Duration: 05/2017 – 04/2021

****Emotional egocentricity bias across the lifespan (Principal Investigator)*
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 296.572,50
Duration: 10/2016-03/2020

Cognitive Science Research Platform – extension 2 (Deputy Speaker)
Intramural, University of Vienna
Amount: € 200.000,-
Duration: 03/2017-02/2019

Interdisciplinary Translational Brain Research Cluster with High Field MR Magnetic Resonance (Principal Investigator; Infrastructure grant)
Austrian Federal Ministry of Science and Research Infrastructure Call
Amount: € 3.500.000.-
Duration: 01/2014-12/2018

Infrastructure for collaborative research: cognitive science and imaging (Principal Investigator; Infrastructure grant)
Amount: € 1.241.974.-
Austrian Federal Ministry of Science and Research Infrastructure Call
Duration: 01/2014-12/2018

The neurobiology of beliefs in dynamic social interactions – Vienna Research Group for Young Investigators (originally Group Proponent and co-PI, since 03/2017 replacing PI Eisenegger, who passed away)
Viennese Science and Technology Fund, Thematic Call “Cognitive Science”
Amount: € 1.499.466.-
Duration: 03/2014 – 02/2018

Cognitive Science Research Platform – extension 1 (Co-Investigator & Board member)
Intramural, University of Vienna

Amount: € 510.000,-
Duration: 03/2014-02/2017

****The role of the opioid system for empathic responses to pain and their link to prosocial behaviour – OPIOIDEMPATHY (Principal Investigator)*
Vienna Science and Technology Fund (WWTF)
Amount: € 500.000
Duration: 01/2012 – 04/2016

Man4Gen – Manual Operation for 4th Generation Airlines (Task Leader)
EU FP7 – Cooperations
Amount (CogSci-Plattform): € 336.000.- (total funding: € 3.575.000.-)
Duration: 09/2012 – 08/2015

Like me: The evolutionary and neuro-cognitive basis of the link between imitation, empathy and prosocial behaviour in dogs and humans (co-Principal Investigator)
Viennese Science and Technology Fund, Thematic Call "Cognitive Science"
Amount: € 500.000.-
Duration: 03/2012 – 02/2015

Start-up grant to establish the Social, Cognitive and Affective Neuroscience Unit at the Faculty of Psychology, University of Vienna (Principal Investigator)
Intramural - University of Vienna
Amount (equipment and personnel): € 808.000.-
Duration: 09/2010 – 08/2015

Social decision making: a multi-disciplinary approach in the investigation of decision making in emergency situations (co-Principal Investigator)
DIANET - Danube Initiative and Alps-Adriatic Network
Amount: € 39.278.-
Duration: 09/2013 – 04/2015

Multimodal neuroimaging in clinical neurosciences: Assessment of neurobiological markers for psychiatric disorders (Principal Investigator)
Call for collaborative research clusters, Medical University of Vienna and University of Vienna
Amount: € 201.460.-
Duration: 05/2011 – 04/2014

Multimodal assessment of neurobiological markers for psychiatric disorders (MAN-BIOPSY) (co-Investigator)
Austrian National Bank Anniversary Fund
Amount: € 104.000.-
Duration: 11/2010 – 10/2013

Striatal functions in PDYN genotype variants (Principal Investigator)
Der Wissenschaftsfonds FWF (The Austrian Science Fund)
Amount: € 299.000.-
Duration: 11/2010 – 10/2013

Neural mechanisms of satiation in affective touch, odours, and social rewards (Participating Partner)
Swedish Research Council
Amount: € 300.000.-

Duration: 08/2011 – 08/2014

Using TMS to treat smoking addiction: a combined TMS/fMRI study (Principal Investigator)

Austrian National Bank Anniversary Fund

Amount: € 80.000.-

Duration: 08/2011 – 12/2012

Affective, rational and social influences on moral decision making – a neuroscientific approach (Principal Investigator)

Federal Ministry of Defense and Sports

Amount: € 90.000.-

Duration: 02/2010 – 02/2011

Functional neuroanatomy of unconscious affective priming (Participating Partner)

Der Wissenschaftsfonds FWF (The Austrian Science Fund)

Amount: € 89.756.-

Duration: 2006 – 2008

Les fondements neurophysiologiques de l'empathie chez l'homme (The neurophysiological bases of human empathy) (Post-doctoral scholarship)

Fondation de Recherche Médicale, France, Accueil de Chercheur Etranger (Guest Researcher Programme)

Amount: € 22.800.-

Duration: 12/2004 – 12/2005

Bootstrap-Analysis of Multi-Channel-EEG-Data (Principal Investigator)

Theodor Körner Fonds

Amount: € 1.812.-

Duration: 05/2000 – 12/2000

Scientific contributions

The research of myself and my group has been consistently published in top-tier peer-reviewed journals, such as Nature, PNAS (3x), Nature Communications (4x), Science Advances (2x), eLife (4x), Proceedings of the Royal Society (2x), or Psychological Science (3x). It has also usually been well-received in terms of citations and altmetrics.

ORCID: 0000-0002-5422-0653

ResearcherID Web of Science: B-3357-2014

h-index = 51/66, cumulative citations >14000/26.500 (Scopus/Google Scholar), i10 index = 176 (Google Scholar)

<https://scholar.google.at/citations?user=fVhv-z8AAAAJ&hl=en>

Selection of 10 most important/representative papers to date

1. Rütgen, M., Seidel, E.M., Silani, G., Riecanaky, I., Hummer, A., Windischberger, C., Petrovic, P., & **Lamm, C.** (2015). Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain. *Proceedings of the National Academy of Sciences USA*, 112(41), E5638–E5646. <https://doi.org/10.1073/pnas.1511269112>

2. Hartmann, H., Forbes, P., Rütgen, M., & **Lamm, C.** (2022). Placebo analgesia reduces costly prosocial helping to lower another's pain. *Psychological Science*, 33(11), 1867-1881. <https://doi.org/10.1177/09567976221119727>
3. Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., ... **Lamm, C.**, ... Schonberg, T. (2020). Variability in the analysis of a single neuroimaging dataset by many teams. *Nature*, 582, 84–88. <https://doi.org/10.1038/s41586-020-2314-9>
4. Wagner, I. C., Graichen, L. P., Todorova, B., Lüttig, A., Omer, D. B., Stangl, M. & **Lamm, C.** (2023). Entorhinal grid-like codes and time-locked network dynamics track others navigating through space. *Nature Communications*, 14, 231. <https://doi.org/10.1038/s41467-023-35819-3>
5. Silani*, G., **Lamm***, C., Ruff, C.C., & Singer, T. (2013). Right supramarginal gyrus is crucial to overcome emotional egocentricity bias in social judgments. *Journal of Neuroscience*, 33(39), 15466–15476. <https://doi.org/10.1523/JNEUROSCI.1488-13.2013>
6. Lengersdorff, L. L., Wagner, I. C., Lockwood, P. L., & **Lamm, C.** (2020). When implicit prosociality trumps selfishness: The neural valuation system underpins more optimal choices when learning to avoid harm to others than to oneself. *Journal of Neuroscience*, 40(38), 7286–7299. <https://doi.org/10.1523/JNEUROSCI.0842-20.2020>
7. Adriaense, J. E. C., Martin, J. S., Schiestl, M., **Lamm, C.**, Bugnyar, T. (2019). Negative emotional contagion and cognitive bias in common ravens (*Corvus corax*). *Proceedings of the National Academy of Sciences of the United States of America*, 116(23), 11547–11552. <https://doi.org/10.1073/pnas.1817066116>
8. Sladky, R., Kargl, D., Haubensak, W., & **Lamm, C.** (2024). An active inference perspective for the amygdala complex. *Trends in Cognitive Sciences*, 28(3), 223-236. <https://doi.org/10.1016/j.tics.2023.11.004>
9. Doell, K. C., Berman, M., Bratman, G. N., Knutson, B., Kühn, S., Lamm, C., Pahl, S., Sawe, N., Van Bavel, J. J., White, M. P., & Brosch, T. (2023). Leveraging neuroscience for climate change research. *Nature Climate Change*. 1-10. <https://doi.org/10.1038/s41558-023-01857-4>
10. **Lamm, C.**, Batson, C.D., & Decety, J. (2007). The neural substrate of human empathy: Effects of perspective-taking and cognitive appraisal. *Journal of Cognitive Neuroscience*, 19(1), 42–58. <https://doi.org/10.1162/jocn.2007.19.1.42>

Peer Reviewed Papers (in chronological order; highlights additional to top 10 marked with *)**

1. Todorova, B., Steiner, M., **Lamm, C.**, Doell, K. (2025). Neuroscience and climate action: intersecting pathways for brain and planetary health (*accepted*), *Current Opinion in Behavioral Sciences*.
2. Cologna V., Meiler, S., Kropf, C., Lüthi, S., Mede, N., Bresch, D., Lecuona, O., Berger, S., Besley, J., Brick, C., Joubert, M., Maibach, E.W., Mihelj, S., Orekes, N., Schäfer, M., van der Linden, S., TISP Consortium (... **Lamm, C.**,...). (2025). The relationship between extreme weather events and support for climate policies across 68 countries (*accepted*) *Nature Climate Change*.
3. Lengersdorff, L., & **Lamm, C.** (2025). With low power comes low credibility? Towards a principled critique of results from underpowered tests. *Advances in*

Methods and Practices in Psychological Science, 8(1).

<https://doi.org/10.1177/25152459241296397>

4. Cologna*, V., Mede*, N. G., Berger, S., Besley, J., Brick, C., Joubert, M., Maibach, E. W., Mihelj, S., Oreskes, N., Schäfer, M. S., van der Linden, S., Abdul Aziz, N. I., Abdulsalam, S., Abu Shamsi, N., Aczel, B., Adinugroho, I., Alabrese, E., Aldoh, A., Alfano, M., ... Zwaan, R. A. (2025). Trust in scientists and their role in society across 68 countries. *Nature Human Behaviour*.
<https://doi.org/10.1038/s41562-024-02090-5>
Note: The author list exceeded 20; therefore, Lamm, C. is included in the ellipsis.
5. Mikus, N., **Lamm, C.***, & Mathys, C. D.* (2025). Computational phenotyping of aberrant belief updating in individuals with schizotypal traits and schizophrenia. *Biological Psychiatry*, 97(2), 188-197.
<https://doi.org/10.1016/j.biopsych.2024.08.021>
6. Schuster, B. A., & **Lamm, C.** (2025). How dopamine shapes trust beliefs. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, 136, 111206.
<https://doi.org/10.1016/j.pnpbp.2024.111206>.
7. Boch, M., Karl, S., Wagner, I. C., Lengersdorff, L. L., Huber, L., Lamm, C. (2024). Action observation reveals a network with divergent temporal and parietal cortex engagement in dogs compared with humans. *Imaging Neuroscience*, 2, 1–29. https://doi.org/10.1162/imag_a_00385
8. Pilcher, J. J., Rummel, E. G., & **Lamm, C.** (2024). Sleep quality, sleep quantity, and sleep timing: Contrasts in Austrian and U.S. college students. *Frontiers in Sleep*, 3, 1487739. <https://doi.org/10.3389/frsle.2024.1487739>
9. Todorova, B., Steyrl, D., Hornsey, M., Pearson, S., Brick, C., Lange, F., Vlasceanu, M., Van Bavel, J., **Lamm, C.**, Doell, K. (2024). Machine learning identifies key individual and nation-level factors predicting climate-relevant beliefs and behaviors. *OSF Preprints*. <https://doi.org/10.31219/osf.io/um69t>
10. Boch, M., Karadachka, K., Loh, K. K., Benn, R.A., Roumazeilles, L., Bertelsen, M.F., Manger, P.F., Wriggelsworth, E., Spiro, S., Spocter, M. A., Johnson, P.J., Souza, K., Patzke, N., **Lamm, C.**, Sallet, J., Khrapitchev, A. A., Tendler, B.C., Mars, B. (2024). Comparative neuroimaging of the Carnivoran brain: Neocortical sulcal anatomy, reviewed preprint *eLife*,
<https://doi.org/10.7554/eLife.100851.1>
11. Pronizius, E.*, Forbes, P.A.G.*, Feneberg, A.C., Miculescu, B., Nater, U.M., Piperno, G., Silani, G., Stijovic, A., & **Lamm, C.** (2024). Everyday helping is associated with enhanced mood but greater stress when it is more effortful. *Scientific Reports*. *Scientific Reports*, 14, 24120. <https://doi.org/10.1038/s41598-024-75261-z>
12. Pronizius, E., Bukowski, H., **Lamm, C.** (2024). Comparing Self-Other Distinction Across Motor, Cognitive, and Affective Domains. *Royal Society Open Science*, 11, 240662. <https://doi.org/10.1098/rsos.240662>
13. Doell, K. C., Todorova, B., Vlasceanu, M., Coleman, J. B. B., Pronizius, E., Schumann, P., Azevedo, F., Patel, Y., Berkebile-Wineberg, M. M., Brick, C., Lange, F., Grayson, S. J., Pei, Y., Chakroff, A., van den Broek, K. L., **Lamm, C.**, Vlasceanu, D., Constantino, S. M., Rathje, S., Goldwert, D., ... Van Bavel, J. J. (2024). The International Climate Psychology Collaboration: Climate change-related data collected from 63 countries (2024). *Scientific Data*, 11(1066).
<https://doi.org/10.1038/s41597-024-03865-1>
14. Rütgen, M., & **Lamm, C.** (2024). Dissecting shared pain representations to understand their behavioral and clinical relevance. *Neuroscience & Biobehavioral Reviews*, 163, Article 105769.
<https://doi.org/10.1016/j.neubiorev.2024.105769>

15. Forbes, P. A., Nitschke, J. P., Hochmeister, N., Kalenscher, T., & **Lamm, C.** (2024). No Effects of acute stress on Monetary delay Discounting: A Systematic Literature Review and Meta-Analysis. *Neurobiology of Stress*, *31*, 100653. <https://doi.org/10.1016/j.ynstr.2024.100653>
16. Boch, M., Huber, L., & **Lamm, C.** (2024). Domestic dogs as a comparative model for social neuroscience: Advances and challenges. *Neuroscience and Biobehavioral Reviews*, *162*. <https://doi.org/10.1016/j.neubiorev.2024.105700>
17. Guran, C-N. A., Boch, M., Sladky, R., Lonardo, L., Karl, S., Huber, L., & **Lamm, C.** (2024). Functional mapping of the somatosensory cortex using noninvasive fMRI and touch in awake dogs. *Brain Structure and Function*, *229*, 1193–1207. <https://doi.org/10.1007/s00429-024-02798-0>
18. Quesque, F., Apperly, I., Baillargeon, R., Baron-Cohen, S., Becchio, C., Bekkering, H., Bernstein, D., Bertoux, M., Bird, G., Bukowski, H., Burgmer, P., Carruthers, P., Catmur, C., Dziobek, D., Epley, N., Erle, T., Frith, C., Frith, U., Galang, C., Gallese, V., ... **Lamm, C.**, Silani, G., ... Brass, M. (2024). Defining key concepts for mental state attribution. *Communications Psychology*, *2*(1). <https://doi.org/10.1038/s44271-024-00077-6>
19. Lonardo, L., Völter, C. J., Hepach, R., **Lamm, C.**, & Huber, L. (2024). Do dogs preferentially encode the identity of the target object or the location of others' actions? *Animal Cognition*, *27*(1), 28–28. <https://doi.org/10.1007/s10071-024-01870-w>
20. ***Vlasceanu*, M., Doell*, K. C., Bak-Coleman*, J. B., Todorova, B., Berkebile-Weinberg, M. M., Grayson, S. J., Patel, Y., Goldwert, D., Pei, Y., Chakroff, A., Pronizius, E., van den Broek, K. L., Vlasceanu, D., Constantino, S., Morais, M. J., Schumann, P., Rathje, S., ... Van Bavel, J. J. (2024). Addressing climate change with behavioral science: A global intervention tournament in 63 countries. *Science Advances*, *10*(6), Article eadj5778. <https://doi.org/10.1126/sciadv.adj5778>
21. *Note:* The author list exceeded 20; therefore, **Lamm, C.** is included in the ellipsis. ***Forbes, P. A. G., Aydogan, G., Braunstein, J., Todorova, B., Wagner, I. C., Lockwood, P. L., Matthew, A. A., Ruff, C. C., & **Lamm, C.** (2024). Acute stress reduces effortful prosocial behaviour. *eLife*, *12*. <https://doi.org/10.7554/eLife.87271.3>
22. Sladky, R., Kargl, D., Haubensak, W., & **Lamm, C.** (2023). An active inference perspective for the amygdala complex. *Trends in Cognitive Sciences*, *28*(3), 223-236. <https://doi.org/10.1016/j.tics.2023.11.004>
23. ***Lengersdorff, L. L., Wagner, I. C., Mittmann, G., Sastre-Yagüe, D., Lüttig, A., Olsson, A., Petrovic, P., & **Lamm, C.** (2023). Neuroimaging and behavioral evidence that violent video games exert no negative effect on human empathy for pain and emotional reactivity to violence. *ELife*, *12*. <https://doi.org/10.7554/eLife.84951>
24. Doell, K. C., Berman, M., Bratman, G. N., Knutson, B., Kühn, S., Lamm, C., Pahl, S., Sawe, N., Van Bavel, J. J., White, M. P., & Brosch, T. (2023) Leveraging neuroscience for climate change research. *Nature Climate Change*. <https://doi.org/10.1038/s41558-023-01857-4>
25. Hartmann, H., Banwinkler, M., Riva, F., & **Lamm, C.** (2023). To respond or not to respond: exploring empathy-related psychological and structural brain differences between placebo analgesia responders and non-responders. *Frontiers in Psychology*, *14*. <https://doi.org/10.3389/fpsyg.2023.1257522>
26. Lonardo, L., Völter, C. J., **Lamm, C.**, & Huber, L. (2023). Dogs rely on visual cues rather than on effector-specific movement representations to predict human action targets. *Open Mind*, *7*, 588–607. https://doi.org/10.1162/opmi_a_00096

27. ***Mikus, N., Eisenegger, C., Mathys, C., Clark, L., Müller, U., Robbins, T.W., **Lamm, C.**, & Naef, M. (2023). Blocking D2/D3 dopamine receptors increases volatility of beliefs when we learn to trust others. *Nature Communications*, 14(4049). <https://doi.org/10.1038/s41467-023-39823-5>
28. Boch, M., Wagner, I.C., Karl, S., Huber, L., & **Lamm, C.** (2023). Functionally analogous body- and animacy-responsive areas are present in the dog (*Canis familiaris*) and human occipito-temporal lobe. *Communications Biology*, 6(645). <https://doi.org/10.1038/s42003-023-05014-7>
29. Riva, F., Pronizius, E., Lenger, M., Kronbichler, M., Silani, G., & **Lamm, C.** (2023). Age-related differences in interference control in the context of a finger-lifting task: an fMRI study. *Social Cognitive and Affective Neuroscience*, 18(1). <https://doi.org/10.1093/scan/nsad034>
30. Mielacher, C., Scheele, D., Kiebs, M., Schmitt, L., Dellert, T., Philipsen, A., **Lamm, C.**, & Hurlmann, R. (2021). Altered reward network responses to social touch in major depression. *Psychological Medicine*, 1-9. <https://doi.org/10.1017/S0033291723001617>
31. Kreis, I., Zhang, L., Mittner, M., Syla, L. & **Lamm, C.** et al. (2023). Aberrant uncertainty processing is linked to psychotic-like experiences, autistic traits, and is reflected in pupil dilation during probabilistic learning. *Cognitive, Affective, & Behavioral Neuroscience*. <https://doi.org/10.3758/s13415-023-01088-2>
32. ***Kutlikova, H., Zhang, L., Eisenegger, C., van Honk, J., **Lamm C.** (2023). Testosterone eliminates strategic prosocial behavior through impacting choice consistency in healthy males. *Neuropsychopharmacology*. <https://doi.org/10.1038/s41386-023-01570-y>
33. Rauchbauer, B., Jank, G., Dunbar, R.I.M., & **Lamm, C.** (2023). Only empathy-related traits, not being mimicked or endorphin release, influence social closeness and prosocial behavior. *Scientific Reports*, 13. <https://doi.org/10.1038/s41598-023-30946-9>
34. Feneberg, A.C., Stijovic, A., Forbes, P.A.G., **Lamm C.**, Piperno G., Pronizius E., Silani G., & Nater, U.M. (2023). Perceptions of stress and mood associated with listening to music in daily life during the covid-19 lockdown. *JAMA Network Open*, 6(1), e2250382. <https://doi.org/10.1001/jamanetworkopen.2022.50382>
35. Stijovic, A.*, Forbes, P.*, Tomova, L., Skoluda, N., Feneberg, A., Piperno, G., Pronizius, E., Nater, U., **Lamm, C.**, & Silani, G. (2023). Homeostatic regulation of energetic arousal during acute social isolation: evidence from the lab and the field. *Psychological Science*, 34(5), 537-551. <https://doi.org/10.1177/09567976231156413>
36. Buchanan, E. M., Lewis, S. C., Paris, B., Forscher, P. S., Pavlicic, J. M., Beshears, J., ... **Lamm, C.**, ..., & Primbs, M. (2023). PSACR: The Psychological Science Accelerator's COVID-19 Rapid-Response Dataset. *Scientific Data*, 10(87). <https://doi.org/10.31219/osf.io/byqha>
37. Wagner, I. C., Graichen, L. P., Todorova, B., Lüttig, A., Omer, D. B., Stangl, M. & **Lamm, C.** (2023). Entorhinal grid-like codes and time-locked network dynamics track others navigating through space. *Nature Communications*, 14, 231. <https://doi.org/10.1038/s41467-023-35819-3>
38. Tik, M., Woletz, M., Schuler, A., Vasileiadi, M., Cash, R., Zalesky, A., **Lamm, C.** & Windischberger, C. (2022). Acute TMS/fMRI response explains offline TMS network effects – An interleaved TMS-fMRI study. *NeuroImage*, 119833. <https://doi.org/10.1016/j.neuroimage.2022.119833>
39. Azevedo, F., Pavlović, T., Rêgo, G. G. d., Ay, F. C., Gjoneska, B., Etienne, T., ... **Lamm C.**, ..., Habib, R. (2022). Social and moral psychology of COVID-19 across 69 countries. *Scientific Data*, 10, 272. <https://doi.org/10.1038/s41597-023-02080-8>

40. Mikus, N., Korb, S., Massacesi, C., Gausterer, C., Graf, I., Willeit, M., Eisenegger, C., **Lamm, C.**, Silani, G., & Mathys, C. (2022). Effects of dopamine D2/3 and opioid receptor antagonism on the trade-off between model-based and model-free behaviour in healthy volunteers. *ELife*, *11*, e79661. <https://doi.org/10.7554/eLife.79661>
41. Guran, C.-N. A., Sladky, R., Karl, S., Boch, M., Laistler, E., Windischberger, C., Huber, L., & **Lamm, C.** (2022). Validation of a new coil array tailored for dog functional magnetic resonance imaging (fMRI) studies. *eNeuro*, *10*(3), ENEURO.0083-22.2022. <https://doi.org/10.1523/ENEURO.0083-22.2022>
42. Müllner-Huber, A., Anton-Boicuk, L., Pronizius, E., Lengersdorff, L., Olsson, A., & **Lamm, C.** (2022). The causal role of affect sharing in driving vicarious fear learning. *PLOS ONE*, *17*(11), e0277793. <https://doi.org/10.1371/journal.pone.0277793>
43. Nitschke, J., Forbes, P., & **Lamm, C.** (2022). Does stress make us more—or less—prosocial? A systematic review and meta-analysis of the effects of acute stress on prosocial behaviours using economic games. *Neuroscience & Biobehavioral Reviews*, *142*, 104905. <https://doi.org/10.1016/j.neubiorev.2022.104905>
44. Forbes, P., Pronizius, E., Feneberg, A., Nater, U., Piperno, G., Silani, G., Stijovic, A., & **Lamm, C.** (2022). The effects of social interactions on momentary stress and mood during COVID-19 lockdowns. *British Journal of Health Psychology*, *28*, 306– 319. <https://doi.org/10.1111/bjhp.12626>
45. Hartmann, H., Forbes, P., Rütgen, M., & **Lamm, C.** (2022). Placebo analgesia reduces costly prosocial helping to lower another's pain. *Psychological Science*, *33*(11), 1867-1881. <https://doi.org/10.1177/09567976221119727>
46. Zhao, Y., Zhang, L., Rütgen, M., Sladky, R., & **Lamm, C.** (2022). Effective connectivity reveals distinctive patterns in response to others' genuine affective experience of disgust. *NeuroImage*, *259*, 119404. <https://doi.org/10.1016/j.neuroimage.2022.119404>
47. Dorison, C., Lerner, J., Heller, B. H., ... **Lamm, C.**, ..., & Sievers, E. (2022). In COVID-19 health messaging, loss framing increases anxiety with little-to-no concomitant benefits: Experimental evidence from 84 countries. *Affective Science*, *3*, 577-602. <https://doi.org/10.1007/s42761-022-00128-3>
48. Pavlović, T., Azevedo, F., De, K., ... **Lamm, C.**, ..., & Van Bavel, J. J. (2022). Predicting attitudinal and behavioral responses to COVID-19 pandemic using machine learning. *PNAS Nexus*, *1*(3), pgac093. <https://doi.org/10.1093/pnasnexus/pgac093>
49. Bago, B., Kovacs, M., Protzko, J., ... **Lamm, C.**, ..., & Aczel, B. (2022). Situational factors shape moral judgements in the trolley dilemma in Eastern, Southern and Western countries in a culturally diverse sample. *Nature Human Behaviour*, *6*, 880-895. <https://doi.org/10.1038/s41562-022-01319-5>
50. ***Feneberg, A. C., Forbes, P. A. G., Piperno, G., Pronizius, E., Stijovic, A., Skoluda, N., **Lamm, C.**, Nater, U. M., & Silani, G. (2022). Diurnal dynamics of stress and mood during COVID-19 lockdown: a large multinational ecological momentary assessment study. *Proceedings of the Royal Society B: Biological Sciences*, *289*(1975), 20212480. <https://doi.org/10.1098/rspb.2021.2480>
51. Psychological Science Accelerator Self-Determination Theory Collaboration. (2022). A global experiment on motivating social distancing during the COVID-19 pandemic. *Proceedings of the National Academy of Sciences USA*, *119*(22), e2111091119. <https://doi.org/10.1073/pnas.2111091119> (**Claus Lamm** acted as a local PI and co-author within the consortium)
52. Riva, F., Lenger, M., Kronbichler, M., **Lamm, C.**, & Silani, G. (2022). The role of right supra-marginal gyrus and secondary somatosensory cortex in age-related

- differences in human emotional egocentricity. *Neurobiology of Aging*, 112, 102-110. <https://doi.org/10.1016/j.neurobiolaging.2022.01.002>
53. Massaccesi, C., Willeit, M., Quednow, B. B., Nater, U. M., **Lamm, C.**, Müller, D., & Silani, G. (2022). Opioid-blunted cortisol response to stress is associated with increased negative mood and wanting of social reward. *Neuropsychopharmacology*, 1-10. <https://doi.org/10.1038/s41386-022-01283-8>
 54. ***Van Bavel, J., Cichocka, A., Capraro, V., ... **Lamm, C.**, ..., & Boggio, P. (2022). National identity predicts public health support during a global pandemic. *Nature Communications*, 13, 517. <https://doi.org/10.1038/s41467-022-29658-x>
 55. ***Sladky, R., Riva, F., Rosenberger, L. A., van Honk, J., & **Lamm, C.** (2021). Basolateral and central amygdala orchestrate how we learn whom to trust. *Communications Biology*, 4(1), 1-9. <https://doi.org/10.1038/s42003-021-02815-6>
 56. Paul, K., Tik, M., Hahn, A., Sladky R., Geissberger, N., Seidel, E.M., Kranz, G.S., Pfabigan, D.M., Kraus, C., Lanzenberger, R., **Lamm, C.**, & Windischberger C. (2021). Give me a pain that I am used to: Distinct habituation patterns for painful and non-painful stimulation. *Scientific Reports*, 11, 22929. <https://doi.org/10.1038/s41598-021-01881-4>
 57. Sladky, R., Hahn, A., Karl, I.L., Geissberger, N., ... **Lamm, C.**, & Windischberger, C. (2021). Dynamic causal modeling of the prefrontal-amygdala network during processing of emotional faces. *Brain Connectivity*, 12(7), 670-682. <https://doi.org/10.1089/brain.2021.0073>
 58. Wittmann, M., Faber, N., & **Lamm, C.** A neuroscientific perspective on the computational theory of social groups (commentary). *Behavioral and Brain Sciences*, 45, e126. <https://doi.org/10.1017/S0140525X2100128X>
 59. Veselic, S., Jocham, G., Gausterer, C., Wagner, B., Ernhoefer-ReBler, M., Lanzenberger, R., **Lamm, C.**, Eisenegger, C., & Losecaat Vermeer, A. (2021). A causal role for estradiol in human reinforcement learning. *134*, 105022. <https://doi.org/10.1016/j.yhbeh.2021.105022>
 60. ***Zhao, Y., Zhang, L., Rütgen, M., Sladky, R., & **Lamm, C.** (2021). Neural dynamics between anterior insular cortex and right supramarginal gyrus dissociate genuine affect sharing from perceptual saliency of pretended pain. *eLife*, e69994. <https://doi.org/10.7554/eLife.69994>
 61. ***Cutler, J., Nitschke, J. P., **Lamm, C.**, & Lockwood, P. L. (2021). Older adults across the globe exhibit increased prosocial behaviour but also greater ingroup preferences. *Nature Aging*, 1, 880-888. <https://doi.org/10.17605/OSF.IO/9WVP4>
 62. Ugazio, G., Grueschow, M., Polania, R., **Lamm, C.**, Tobler, P. N., & Ruff, C. C. (2021). Neural-computational foundations of moral preferences. *Social Cognitive and Affective Neuroscience*, 00, 1-13. <https://doi.org/10.1093/scan/nsab100>
 63. Karl, S., Sladky, R., **Lamm, C.** *, & Huber, L. * (2021). Neural responses of pet dogs witnessing their caregiver's positive interactions with a conspecific: an fMRI study. *Cerebral Cortex Communications*, 2, 1-12. <https://doi.org/10.1093/texcom/tgab047>
 64. Hartmann, H., Riva, F., Rütgen, M., & **Lamm, C.** (2021). Placebo analgesia does not reduce empathy for naturalistic depictions of others' pain in a somatosensory specific way. *Cerebral Cortex Communications*, 2, 1-16. <https://doi.org/10.1093/texcom/tgab039>
 65. Wang, K., Goldenberg, A., Dorison, C.A., Miller, J.K., ... **Lamm, C.**, ... Moshontz, H. (2021). A multi-country test of brief reappraisal interventions on emotions

- during the COVID-19 pandemic. *Nature Human Behaviour*, 5, 1089–1110.
<https://doi.org/10.1038/s41562-021-01173-x>
66. Yao, Y., Chopurian, V., Zhang, L., **Lamm, C.**, & Heekeren, H. R. (2021). Effects of non-invasive brain stimulation on visual perspective taking: A meta-analytic study. *NeuroImage*, 242, 118462.
<https://doi.org/10.1016/j.neuroimage.2021.118462>
 67. Schurz, M., Uddin, L. Q., Kanske, P., **Lamm, C.**, Sallet, J., Bernhardt, B. C., Mars, R. B., & Bzdok, D. (2021). Variability in Brain Structure and Function Reflects Lack of Peer Support. *Cerebral Cortex*, bhab109.
<https://doi.org/10.1093/cercor/bhab109>
 68. Rütgen, M., Pfabigan, D. M., Tik, M., Kraus, C., Pletti, C., Sladky, R., Klöbl, M., Woletz, M., Vanicek, T., Windischberger, C., Lanzenberger, R., & **Lamm, C.** (2021). Detached empathic experience of others' pain in remitted states of depression – an fMRI study. *NeuroImage: Clinical*, 31, 102699.
<https://doi.org/10.1016/j.nicl.2021.102699>
 69. ***Lonardo, L., Völter, C. J., **Lamm, C.**, & Huber, L. (2021). Dogs follow human misleading suggestions more often when the informant has a false belief. *Proceedings of the Royal Society B*, 288(1955), 20210906.
<https://doi.org/10.1098/rspb.2021.0906>
 70. Kutlikova, H. H., Geniole, S. N., Eisenegger, C., **Lamm, C.**, Jocham, G. & Studer, B. (2021). Not giving up: Testosterone promotes persistence against a stronger opponent. *Psychoneuroendocrinology*, 128, 105214.
<https://doi.org/10.1016/j.psyneuen.2021.105214>
 71. ***Zunhammer, M., Spisák, T., Wager, T. D., Bingel, U., ... **Lamm, C.**, ... Zeidan, F. (2021). Meta-analysis of neural systems underlying placebo analgesia from individual participant fMRI data. *Nature Communications*, 12, 1391.
<https://doi.org/10.1038/s41467-021-21179-3>
 72. Bukowski, H., Todorova, B., Boch, M., Silani, G., & **Lamm, C.** (2021). Socio-cognitive training impacts emotional and perceptual self-salience but not self-other distinction. *Acta Psychologica*, 216, 103297.
<https://doi.org/10.1016/j.actpsy.2021.103297>
 73. Pfabigan, D. M., Rütgen, M., Kroll, S. L., Riečanský, I. & **Lamm, C.** (2021). The administration of the opioid buprenorphine decreases motivational error signals. *Psychoneuroendocrinology*, 105199.
<https://doi.org/10.1016/j.psyneuen.2021.105199>
 74. Adriaense, J. E. C., Šlipogor, V., Hintze, S., Marshall, L., **Lamm, C.** & Bugnyar, T. (2021). Watching others in a positive state does not induce optimism bias in common marmosets (*Callithrix jacchus*), but leads to behaviour indicative of competition. *Animal Cognition*. <https://doi.org/10.1007/s10071-021-01497-1>
 75. Rauchbauer, B., Lorenz, C., **Lamm, C.** & Pfabigan, D. M. (2021). Interplay of self-other distinction and cognitive control mechanisms in a social automatic imitation task: An ERP study. *Cognitive, Affective & Behavioral Neuroscience*, <https://doi.org/10.3758/s13415-021-00878-w>
 76. Kroll, S. L., Thayer, J. F., Williams, D. P., Pfabigan, D. M., Baumgartner, M. R., **Lamm, C.**, & Quednow, B. B. (2021). Chronic nonmedical prescription opioid use and empathy for pain: Does pain make the difference? *Psychophysiology*, 58, e13776. <https://doi.org/10.1111/psyp.13776>
 77. Rütgen, M., Wirth, E., Riečanský, I., Hummer, A., Windischberger, C., Petrovic, P., Silani, G., & **Lamm, C.** (2021). Beyond sharing unpleasant affect – Evidence for pain-specific opioidergic modulation of empathy for pain. *Cerebral Cortex*, 31(6), 2773–2786. <https://doi.org/10.1093/cercor/bhaa385>
 78. Zhao, Y., Rütgen, M., Zhang, L., & **Lamm, C.** (2020). Pharmacological fMRI provides evidence for opioidergic modulation of discrimination of facial pain

- expressions. *Psychophysiology*, 58(2), e13717.
<https://doi.org/10.1111/psyp.13717>
79. ***Wagner, I. C., Konrad, B. N., Schuster, P., Weisig, S., Repantis, D., Ohla, K., Kühn, S., Fernández, G., Steiger, A., **Lamm, C.**, Czisch, M., & Dresler, M. (2020). Durable memories and efficient neural coding through mnemonic training using the method of loci. *Science Advances*, 7(10), eabc7606.
<https://doi.org/10.1126/sciadv.abc7606>
 80. Karl, S., Boch, M., Zamansky, A., van der Linden, D., Wagner, I. C., Völter, C. J., **Lamm *, C.**, & Huber *, L. (2020). Exploring the dog-human relationship by combining fMRI, eye-tracking and behavioural measures. *Scientific Reports*, 10, 22273. <https://doi.org/10.1038/s41598-020-79247-5>
 81. Mielacher, C., Schultz, J., Kiebs, M., Dellert, T., Metzner, A., Graute, L., Högenauer, H., Maier, W., **Lamm, C.**, & Hurlemann, R. (2020). Individualized theta-burst stimulation modulates hippocampal activity and connectivity in patients with major depressive disorder. *Personalized Medicine in Psychiatry*, 23, 100066. <https://doi.org/10.1016/j.pmip.2020.100066>
 82. Nitschke, J. P., Forbes, P. A., Ali, N., Cutler, J., Apps, M. A., Lockwood, P. L., & **Lamm, C.** (2020). Resilience during uncertainty? Greater social connectedness during COVID-19 lockdown is associated with reduced distress and fatigue. *British Journal of Health Psychology*, 26, 553-569.
<https://doi.org/10.1111/bjhp.12485>
 83. Jones*, B. C., DeBruine*, L. M., Flake*, J. K., Liuzza, M. T., Antfolk, J., Arinze, N. C., Ndukaihe, I. L. G., Bloxson, N. G., Lewis, S. C., Foroni, F., Willis, M. L., Cubillas, C. P., Vadillo, M. A., Turiegano, E., Gilead, M., Simchon, A., Saribay, S. A., Owsley, N. C., Jang, C., ... Coles, N. A. (2021). To which world regions does the valence-dominance model of social perception apply? *Nature Human Behaviour*, 5, 159-169. <https://doi.org/10.31234/osf.io/n26dy>
 Note: The author list exceeded 20; therefore, **Lamm, C.** is included in the ellipsis.
 84. Forbes, P., Korb, S., Radloff, A., & **Lamm, C.** (2020). The effects of self-relevance vs. reward value on facial mimicry. *Acta Psychologica*, 212, 103193.
<https://doi.org/10.1016/j.actpsy.2020.103193>
 85. Boch, M., Karl, S., Sladky, R., Huber, L., **Lamm, C.**, & Wagner, I. C. (2020). Tailored haemodynamic response function increases detection power of fMRI in awake dogs (*Canis familiaris*). *NeuroImage*, 224, 117414.
<https://doi.org/10.1016/j.neuroimage.2020.117414>
 86. Hartmann, H., Rütgen, M., Riva, F., & **Lamm, C.** (2020). Another's pain in my brain: No evidence that placebo analgesia affects the sensory-discriminative component in empathy for pain. *NeuroImage*, 224, 117397.
<https://doi.org/10.1016/j.neuroimage.2020.117397>
 87. Lengersdorff, L. L., Wagner, I. C., Lockwood, P. L., & **Lamm, C.** (2020). When implicit prosociality trumps selfishness: The neural valuation system underpins more optimal choices when learning to avoid harm to others than to oneself. *Journal of Neuroscience*, 40(38), 7286–7299.
<https://doi.org/10.1523/JNEUROSCI.0842-20.2020>
 88. Rauchbauer, B., Dunbar, R., & **Lamm, C.** (2020) Being mimicked affects inhibitory mechanisms of imitation. *Acta Psychologica*, 209, 103132.
<https://doi.org/10.1016/j.actpsy.2020.103132>
 89. Zhang, L.*, Lengersdorff, L.*, Mikus, N., Gläscher, J., & **Lamm, C.** (2020). Using reinforcement learning models in social neuroscience: frameworks, pitfalls, and suggestions of best practices. *Social Cognitive and Affective Neuroscience*, 15 (6), 695-707. <https://doi.org/10.1093/scan/nsaa089>

90. Wagner, I. C., Rütgen, M., Hummer, A., Windischberger, C., & **Lamm, C.** (2020). Placebo-induced pain reduction is associated with negative coupling between brain networks at rest. *NeuroImage*, *219*, 117024. <https://doi.org/10.1016/j.neuroimage.2020.117024>
91. Rosenberger, L. A., Naef, M., Eisenegger, C., & **Lamm, C.** (2020). Interpersonal distance adjustments after interactions with a generous and selfish trustee during a repeated trust game. *Journal of Experimental Social Psychology*, *90*, 104001. <https://doi.org/10.1016/j.jesp.2020.104001>
92. Bikson, M., Hanlon, C. A., Woods, A. J., Gillick, B. T., Charvet, L., **Lamm, C.**, Madeo, G., Holczer, A., Almeida, J., Antal, A., Reza Ay, M., Baeken, C., Blumberger, D. M., Campanella, S., Camprodon, J. A., Christiansen, L., Loo, C., Crinion, J. T., Fitzgerald, P., ... & Ekhtiari, H. (2020). Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. *Brain Stimulation*, *13*, 1124-1149. <https://doi.org/10.1016/j.brs.2020.05.010>
93. Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., ... **Lamm, C.**, ... & Schonberg, T. (2020). Variability in the analysis of a single neuroimaging dataset by many teams. *Nature*, *582*, 84-88. <https://doi.org/10.1038/s41586-020-2314-9>
94. Kutlikova, H. H., Babková Durdiková, J., Wagner, B., Vlček, M., Eisenegger, C., **Lamm, C.**, & Riečanský, I. (2020). The effects of testosterone on the physiological response to social and somatic stressors. *Psychoneuroendocrinology*, *117*, 104693. <https://doi.org/10.1016/j.psyneuen.2020.104693>
95. Bukowski, H., Tik, M., Silani, G., Ruff, C. C., Windischberger, C., & **Lamm, C.** (2020). When differences matter: rTMS/fMRI reveals how differences in dispositional empathy translate to distinct neural underpinnings of self-other distinction in empathy. *Cortex*, *128*, 143-161. <https://doi.org/10.1016/j.cortex.2020.03.009>
96. Wagner, I. C., Rütgen, M., & **Lamm, C.** (2020). Pattern similarity and connectivity of hippocampal-neocortical regions support empathy for pain. *Social Cognitive and Affective Neuroscience*, *15*, 273-284. <https://doi.org/10.1093/scan/nsaa045>
97. Adriaense, J., Koski, S. E., Huber, L., & **Lamm, C.** (2020). Challenges in the comparative study of empathy and related phenomena in animals. *Neuroscience and Biobehavioral Reviews*, *112*, 62-82. <https://doi.org/10.1016/j.neubiorev.2020.01.021>
98. Pfabigan, D. M., Mielacher, C., Dutheil, F., & **Lamm, C.** (2020). ERP evidence suggests that confrontation with deterministic statements aligns subsequent other-and self-relevant error processing. *Psychophysiology*, *57*(8). <https://doi.org/10.1111/psyp.13556>
99. Riečanský, I., Lengersdorff, L. L., Pfabigan, D. M., & **Lamm, C.** (2020). Increasing self-other bodily overlap increases sensorimotor resonance to others' pain. *Cognitive, Affective, & Behavioral Neuroscience*, *20*(1), 19-33. <https://doi.org/10.3758/s13415-019-00724-0>
100. Bartel, G., Marko, M., Rameses, I., **Lamm, C.**, & Riečanský, I. (2020). Left Prefrontal Cortex Supports the Recognition of Meaningful Patterns in Ambiguous Stimuli. *Frontiers in Neuroscience*, *14*, 152. <https://doi.org/10.3389/fnins.2020.00152>
101. Tomova, L., Saxe, R., Klöbl, M., Lanzenberger, R., & **Lamm, C.** (2020). Acute stress alters neural patterns of value representation for others. *NeuroImage*, <https://doi.org/10.1016/j.neuroimage.2019.116497>
102. Vermeer, A. L., Krol, I., Gausterer, C., Wagner, B., Eisenegger, C., & **Lamm, C.** (2019). Exogenous testosterone increases status-seeking motivation in men

- with unstable low social status. *Psychoneuroendocrinology*, 113.
<https://doi.org/10.1016/j.psyneuen.2019.104552>
103. Riečanský, I., & **Lamm, C.** (2019). The Role of Sensorimotor Processes in Pain Empathy. *Brain Topography*, 32(6), 965-976. <https://doi.org/10.1007/s10548-019-00738-4>
 104. ***Knight, E. L., McShane, B. B., Kutlikova, H. H., Morales, P. J., Christian, C. B., Harbaugh, W. T., Mayr, U., Ortíz, T. L., Gilbert, K., Ma-Kellams, C., Riečanský, I., Watson, N. V., Eisenegger, C., **Lamm, C.**, Mehta, P. H., & Carré, J. M. (2020). Weak and variable effects of exogenous testosterone on cognitive reflection task performance in three experiments: Commentary on Nave et al. (2017). *Psychological Science*, 31(7), 890-897.
<https://doi.org/10.1177/0956797619885607>
 105. Rosenberger, L.A., Pfabigan, D., Lehner, B., Keckeis, K., Seidel, E.-M., Eisenegger, C., & **Lamm, C.** (2019). Fairness norm violations in anti-social psychopathic offenders in a repeated trust game. *Translational Psychiatry*, 9, 266. <https://doi.org/10.1038/s41398-019-0606-3>
 106. Adriaense, J.E.C., Martin, J.S., Schiestl, M., **Lamm, C.**, & Bugnyar T. (2019, August 20). Reply to Vonk: Disentangling emotional contagion from its underlying causes. *PNAS*, 201910556 (Letter to editors).
<https://doi.org/10.1073/pnas.1910556116>
 107. Jensen, K., Gollub, R., Kong, J., **Lamm, C.**, Kaptchuk, T., & Petrovic, P. (2020). Reward and Empathy in the treating clinician: The neural correlates of successful doctor-patient interactions. *Translational Psychiatry*, 10(1), 1-5.
<https://doi.org/10.1038/s41398-020-0712-2>
 108. Karl, S., Boch, M., Virányi, Z., **Lamm, C.**, & Huber, L. (2019). Training pet dogs for eye-tracking and awake fMRI. *Behavior Research Methods*, 53, 838-856.
<https://doi.org/10.3758/s13428-019-01281-7>
 109. Ekhtiari, H., ..., **Lamm, C.**, ..., & Hanlon, C. (2019). Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. *Neuroscience & Biobehavioral Reviews*, 104, 118-140.
<https://doi.org/10.1016/j.neubiorev.2019.06.007>
 110. Kraus, C., Seiger, R., Pfabigan, D. M., Sladky, R., Tik, M., Paul, K., Woletz, M., Gryglewski, G., Vanicek, T., Komorowski, A., Kasper, S., **Lamm, C.**, Lanzenberger, R. (2019). Hippocampal subfields in acute and remitted depression – An ultra high field magnetic resonance imaging treatment study. *International Journal of Neuropsychopharmacology*, 22(8), 513-522.
<https://doi.org/10.1093/ijnp/pyz030>
 111. Adriaense, J. E. C., Martin, J., Schiestl, M., **Lamm, C.**, & Bugnyar, T. (2019). Negative emotional contagion and cognitive bias in common ravens (*Corvus corax*). *Proceedings of the National Academy of Sciences*, 116(23), 11547-11552. <https://doi.org/10.1073/pnas.1817066116>
 112. Rütgen, M., Pletti, C., Tik, M., Kraus, C., Pfabigan, D. M., Sladky, R., Klöbl, M., Woletz, M., Vanicek, T., Windischberger, C., Lanzenberger, R., & **Lamm, C.** (2019). Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. *Translational Psychiatry*, 9(1), 164. <https://doi.org/10.1038/s41398-019-0496-4>
 113. Morese, R., **Lamm, C.**, Bosco, M. F., Valentini, M. C., & Silani, G. (2019). Social support modulates the neural correlates underlying social exclusion. *Social Cognitive and Affective Neuroscience*, 14, 633-643.
<https://doi.org/10.1093/scan/nsz033>

114. **Lamm, C.**, Rütgen, M., Wagner, I. (2019). Imaging empathy and prosocial emotions. *Neuroscience Letters*, 693, 49-53. <https://doi.org/10.1016/j.neulet.2017.06.054>
115. Tomova, L., Heinrichs, M., & **Lamm, C.** (2019). The Other and Me: Effects of oxytocin on self-other distinction. *International Journal of Psychophysiology*, 136, 49-53. <https://doi.org/10.1016/j.ijpsycho.2018.03.008>
116. Riečanský, I.*, Lengersdorff, L.*, Pfabigan, D.M., **Lamm, C.** (2019). Increasing self-other bodily overlap increases sensorimotor resonance to others' pain. *Cognitive, Affective, and Behavioral Neuroscience*, 20, 19-33. <https://doi.org/10.3758/s13415-019-00724-0>
117. Wilson, R. P., ..., **Lamm, C.**, ... & Bhattacharyya, S. (2018). The neural substrate of reward anticipation in health: A meta-analysis of fMRI findings in the Monetary Incentive Delay Task. *Neuropsychology Review*, 28(4), 496-506. <https://doi.org/10.1007/s11065-018-9385-5>
118. Pfabigan, D., Wucherer, A., Wang, X., Pan, X., **Lamm, C.**, Han, S. (2018). Cultural influences on the processing of social comparison feedback signals – An ERP study. *Social Cognitive and Affective Neuroscience*, 13(12), 1317-1326. <https://doi.org/10.1093/scan/nsy097>
119. Rauchbauer, B.*, Pfabigan, D.*, **Lamm, C.** (2018). Event-related potentials of automatic imitation are modulated by ethnicity during stimulus processing, but not during motor execution. *Scientific Reports*, 8, 12760. <https://doi.org/10.1038/s41598-018-30926-4>
120. Zunhammer, M., Bingel, U., Wager, T. D., for the Placebo Imaging Consortium. (2018). Placebo Effects on the Neurologic Pain Signature: A Meta-analysis of Individual Participant Functional Magnetic Resonance Imaging Data. *JAMA Neurology*, 5(11), 1321-1330. <https://doi.org/10.1001/jamaneurol.2018.2017>
121. Pilcher, J. J., Switzer, F. S., Munc, A., Donnelly, J, Jellen, J. C., & **Lamm, C.** (2018). Psychometric properties of the Epworth Sleepiness Scale: A factor analysis and item-response theory approach. *Chronobiology International*, 35(4), 533-545. <https://doi.org/10.1080/07420528.2017.1420075>
122. Shamay-Tsoory, S. & **Lamm, C.** (2018). The neuroscience of empathy – from past to present and future. *Neuropsychologia*, 116, 1-4. <https://doi.org/10.1016/j.neuropsychologia.2018.04.034>
123. Pfabigan, D. M., Wucherer, A. M., & **Lamm, C.** (2018). Internal control beliefs and reference frame concurrently impact early performance monitoring ERPs. *Cognitive, Affective, & Behavioral Neuroscience*, 18, 778-795. <https://doi.org/10.3758/s13415-018-0604-6>
124. Riva, F., Tschernegg, M., Chiesa, P. A., Wagner, I. C., Kronbichler, M., **Lamm, C.***, & Silani, G.* (2018). Age-related differences in the neural correlates of empathy for pleasant and unpleasant touch in a female sample. *Neurobiology of Aging*, 65, 7-17. <https://doi.org/10.1016/j.neurobiolaging.2017.12.028>
125. Kraus C., Klöbl M., Tik M., Auer B., Vanicek T., ..., **Lamm, C.**, Lanzenberger, R. (2018). The pulvinar nucleus and antidepressant treatment: dynamic modeling of antidepressant response and remission with ultra-high field functional MRI. *Molecular Psychiatry*, 24(5), 746. <https://doi.org/10.1038/s41380-017-0009-x>
126. Sladky, R., Geissberger, N., Pfabigan, D. M., Kraus, C., Tik, M., Woletz, M., Paul, K., Vanicek, T., Auer, B., Kranz, G. S., **Lamm, C.**, Lanzenberger, R., & Windischberger, C. (2018). Unsmoothed functional MRI of the human amygdala and bed nucleus of the stria terminalis during processing of emotional faces. *NeuroImage*, 186, 383-391. <https://doi.org/10.1016/j.neuroimage.2016.12.024>
127. Boch, M., & **Lamm, C.** (2017). The multiple facets of empathy. *Animal Sentience: An Interdisciplinary Journal on Animal Feeling*, 2(14), 14.

128. Pfabigan, D. M., Gittenberger, M., & **Lamm, C.** (2017). Social dimension and complexity differentially influence brain responses during feedback processing. *Social neuroscience*, 14(1), 26-40.
<https://doi.org/10.1080/17470919.2017.1395765>
129. Coll, M. P., Viding, E., Rütgen, M., Silani, G., **Lamm, C.**, Catmur, C., & Bird, G. (2017). Are we really measuring empathy? Proposal for a new measurement framework. *Neuroscience & Biobehavioral Reviews*, 83, 132-139.
<https://doi.org/10.1016/j.neubiorev.2017.10.009>
130. Tik, M., Hoffmann, A., Sladky, R., Tomova, L., Hummer, A., Navarro de Lara, L., ..., **Lamm, C.** & Windischberger, C. (2017). Towards understanding rTMS mechanism of action: stimulation of the DLPFC causes network-specific increase in functional connectivity. *NeuroImage*, 162, 289-296.
<https://doi.org/10.1016/j.neuroimage.2017.09.022>
131. Tamm, S., Nilsson, G., Schwarz, J., **Lamm, C.**, Kecklund, G., Petrovic, P., ... & Lekander, M. (2017). The effect of sleep restriction on empathy for pain: An fMRI study in younger and older adults. *Scientific Reports*, 7(1), 12236.
<https://doi.org/10.1038/s41598-017-12098-9>
132. Rütgen, M., Seidel, E. M., Pletti, C., Rieckens, I., Gartus, A., Eisenegger, C., & **Lamm, C.** (2017). Psychopharmacological modulation of event-related potentials suggests that first-hand pain and empathy for pain rely on similar opioidergic processes. *Neuropsychologia*, 116, 5-14.
<http://doi.org/10.1016/j.neuropsychologia.2017.04.023>
133. Gangl, K., Pfabigan, D., **Lamm, C.**, Kirchler, E., & Hoffmann, E. (2017). Coercive and legitimate authority impact tax honesty. Evidence from behavioral and ERP experiments. *Social Cognitive and Affective Neuroscience*, 12(7), 1108-1117. <http://dx.doi.org/10.1093/scan/nsx029>
134. Tomova, L., Majdandžić, J., Hummer, A., Windischberger, C., Heinrichs, M., & **Lamm, C.** (2017). Increased neural responses to empathy for pain might explain how acute stress increases prosociality. *Social Cognitive and Affective Neuroscience*, 12(3), 401-408. <https://doi.org/10.1093/scan/nsw146>
135. Huber, L., & **Lamm, C.** (2017). Understanding dog cognition by functional magnetic resonance imaging. *Learning & Behavior*, 45(2), 101-102.
<https://doi.org/10.3758/s13420-017-0261-6>
136. Niedermeier, M., Weisleitner, A., **Lamm, C.**, Ledochowski, L., Frühauf, A., Wille, M., ... Kopp, M. (2017). Is decision making in hypoxia affected by pre-acclimatisation? A randomized controlled trial. *Physiology & Behavior*, 173, 236-242. <https://doi.org/10.1016/j.physbeh.2017.02.018>
137. Spies, M., Kraus, C., Geissberger, N., Auer, B., Klöbl, M., Tik, M., ... **Lamm, C.**, ... (2017). Default mode network deactivation during emotion processing predicts early antidepressant response. *Translational Psychiatry*, 7, e1008.
<https://doi.org/10.1038/tp.2016.265>
138. Majdandžić, J., Amashauer S., Hummer, A., Windischberger, C., & **Lamm, C.** (2016). The selfless mind: How prefrontal involvement in mentalizing with similar and dissimilar others shapes empathy and prosocial behavior. *Cognition*, 157, 24-38. <https://doi.org/10.1016/j.cognition.2016.08.003>
139. Rauchbauer, B., Majdandžić, J., Stieger, S., & **Lamm, C.** (2016). The modulation of mimicry by ethnic group-membership and emotional expressions. *PLoS ONE*, 11, e0162935.
<https://doi.org/10.1371/journal.pone.0162935>
140. Pintzinger, N. M., Pfabigan, D. M., Pfau, L., Kryspin-Exner, I., & **Lamm, C.** (2017). Temperament differentially influences early information processing in men and women: Preliminary electrophysiological evidence of attentional

- biases in healthy individuals. *Biological Psychology*, 122, 69-79. <https://doi.org/10.1016/j.biopsycho.2016.07.007>
141. Sladky, R., Stepniczka, I., Boland, E., Tik, M., **Lamm, C.**, Hoffmann, A., Buch, J.P., Niedermeier, D., Field, J., & Windischberger, C. (2016). Neurobiological differences in mental rotation and instrument interpretation in airline pilots. *Scientific Reports*, 6, 28104. <https://doi.org/10.1038/srep28104>
 142. Pfabigan, D. M., Holzner, M. T., & **Lamm, C.** (2016). Performance monitoring during a minimal group manipulation. *Social Cognitive and Affective Neuroscience*, 11, 1560-1568. <https://doi.org/10.1093/scan/nsw071>
 143. Riva, F., Triscoli, C., **Lamm, C.**, Carnaghi, A., & Silani, G. (2016). Emotional Egocentricity Bias across the life-span. *Frontiers in Aging Neuroscience*, 8, 74. <https://doi.org/10.3389/fnagi.2016.00074>
 144. Pintzinger, N., Pfabigan, D., Tran, U., Kryspin-Exner, I. & **Lamm, C.** (2016). Attentional biases in healthy adults: Exploring the impact of temperament and gender. *Journal of Behavior Therapy and Experimental Psychiatry*, 52, 29-37. <https://doi.org/10.1016/j.jbtep.2016.02.003>
 145. Lehrner, J., Bodendorfer, B., **Lamm, C.**, Moser, D., Dal-Bianco, P., Auff, E., & Pusswald, G. (2016). Subjective memory complaints and conversion to dementia in patients with subjective cognitive decline and patients with mild cognitive impairment. *Zeitschrift für Neuropsychologie*, 27, 85-93. <https://doi.org/10.1024/1016-264X/a000175>
 146. **Lamm, C.**, Bukowski, H., & Silani, G. (2016). From shared to distinct self-other representations in empathy: evidence from neurotypical function and socio-cognitive disorders. *Philosophical Transactions of the Royal Society B*, 371, 20150083. <http://doi.org/10.1098/rstb.2015.0083>
 147. Preusche, I. & **Lamm, C.** (2016). Reflections on empathy in medical education: What can we learn from social neurosciences? *Advances in Health Sciences Education*, 21, 235-249. <https://doi.org/10.1007/s10459-015-9581-5>
 148. Vandenbroucke, S., Bardi, L., **Lamm, C.**, & Goubert, L. (2016). The role of the right temporoparietal junction in the elicitation of vicarious experiences and detection accuracy while observing pain and touch. *Experimental Brain Research*, 234, 1019-32. <http://doi.org/10.1007/s00221-015-4516-1>
 149. Rütgen, M., Seidel, E. A., Silani, G., Riechensky, G., Hummer, A., Windischberger, C., Petrovic, P., & **Lamm, C.** (2015). Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain. *Proceedings of the National Academy of Sciences*, 112(41), E5638-E5646. <https://doi.org/10.1073/pnas.1511269112>
 150. Pfabigan, D. M., Pripfl, J., Kroll, S. L., Sailer, U., & **Lamm, C.** (2015). Event-related potentials in performance monitoring are influenced by the endogenous opioid system. *Neuropsychologia*, 77, 242-252. <https://doi.org/10.1016/j.neuropsychologia.2015.08.028>
 151. Görlich-Dobre, K. S., **Lamm, C.**, Pripfl, J., Habel, U., & Votinov, M. (2015). The left amygdala: A shared substrate of alexithymia and empathy. *NeuroImage*, 122, 20-32. <https://doi.org/10.1016/j.neuroimage.2015.08.014>
 152. Votinov, M., Pripfl, J., Windischberger, C., Moser, E., Sailer, U.*, & **Lamm, C.*** (2015). A functional polymorphism in the prodynorphin gene affects cognitive flexibility and brain activation during reversal learning. *Frontiers in Behavioral Neuroscience*, 9, 172. <https://doi.org/10.3389/fnbeh.2015.00172>

153. Görlich-Dobre, K.S., Votinov, M., Habel, U., Pripfl, J., & **Lamm, C.** (2015). Neuroanatomical profiles of alexithymia dimensions and subtypes. *Human Brain Mapping, 36*(10), 3805-3818. <https://doi.org/10.1002/hbm.22879>
154. Seidel, S., Dal-Bianco, P., Pablik, E., Müller, N., Schadenhofer, C., **Lamm, C.**, Klösch, G., Moser, D., Klug, S., Pusswald, G., Auff, E., & Lehrner, J. (2015). Depressive symptoms are the main predictor for subjective sleep quality in patients with mild cognitive impairment. *PLoS ONE, 10*(6), e0128139. <https://doi.org/10.1371/journal.pone.0128139>
155. Rütgen, M., Seidel, E.M., Rieicansky, I., & **Lamm, C.** (2015). Reduction of empathy for pain by placebo analgesia suggests functional equivalence of empathy and first-hand emotion experience. *Journal of Neuroscience, 35*(23), 8938–8947. <https://doi.org/10.1523/JNEUROSCI.3936-14.2015>
156. Votinov, M., Pripfl, J., Windischberger, C., Sailer, U.*,& **Lamm, C.*** (2015). Better you lose than I do: neural networks involved in winning and losing in a real time strictly competitive game. *Scientific Reports, 5*, e11017. <https://doi.org/10.1038/srep11017>
157. Pfabigan, D.M., Sailer, U., & **Lamm, C.** (2015). Size does matter! Perceptual stimulus properties affect event-related potentials during feedback processing. *Psychophysiology, 52*(9), 1238-1247. <https://doi.org/10.1111/psyp.12458>
158. Rauchbauer, B., Majdandžić, J., Hummer, A., Windischberger, C., & **Lamm, C.** (2015). Distinct neural processes are engaged in the modulation of mimicry by social group-membership and emotional expressions. *Cortex, 70*, 49-67. <https://doi.org/10.1016/j.cortex.2015.03.007>
159. Lehrner, J., Krakhofer, H., Macher, S., **Lamm, C.**, Moser, D., Klug, S., Pusswald, G., Dal-Bianco, P., Pirker, W., & Auff, E. (2015). Visuo-constructional functions in patients with Mild Cognitive Impairment, Alzheimer's disease and Parkinson's disease. *Neuropsychiatrie, 29*(3), 112-119. <https://doi.org/10.1007/s40211-015-0141-2>
160. **Lamm, C.***, Silani, G.*, & Singer, T. (2015). Distinct neural networks underlying empathy for pleasant and unpleasant touch. *Cortex, 70*, 79-89. <https://doi.org/10.1016/j.cortex.2015.01.021>
161. Rieicansky, I., Paul, N., Kölbl, S., Stieger, S., & **Lamm, C.** (2015). Beta oscillations reveal ethnicity ingroup bias in sensorimotor resonance to pain of others. *Social Cognitive and Affective Neuroscience, 10*(7), 893-901. <https://doi.org/10.1093/scan/nsu139>
162. Pfabigan, D.M., Seidel, E.-M., Paul, K., Grahl, A., Sailer, U., Lanzenberger, R., Windischberger, C., & **Lamm, C.** (2015). Context-sensitivity of the Feedback-Related Negativity for zero-value feedback outcomes. *Biological Psychology, 104*, 184–192. <https://doi.org/10.1016/j.biopsycho.2014.12.007>
163. **Lamm, C.**, & Majdandžić, J. (2015). The role of shared neural activations, mirror neurons, and morality in empathy - A critical comment. *Neuroscience Research, 90*, 15-24. <https://doi.org/10.1016/j.neures.2014.10.008>
164. Seidel E. M.*, Pfabigan D. M.*, Hahn A., Sladky R., Grahl A., Paul K., Kraus C., Küblböck M., Kranz G. S., Hummer A., Lanzenberger R., Windischberger C., & **Lamm C.** (2014). Uncertainty during pain anticipation: The adaptive value of preparatory processes. *Human Brain Mapping, 36*(2), 744-755. <https://doi.org/10.1002/hbm.22661>
165. Lehrner, J., Kogler, S., **Lamm, C.**, Moser, D., Klug, S., Pusswald, G., Dal-Bianco, P., Pirker, W., & Auff, E. (2015). Awareness of memory deficits in Mild Cognitive Impairment, Alzheimer's Disease and Parkinson's Disease.

- International Psychogeriatrics*, 27(3), 357-366.
<https://doi.org/10.1017/S1041610214002245>
166. Pripfl, J., & **Lamm, C.** (2014). Focused transcranial direct current stimulation (tDCS) over the dorsolateral prefrontal cortex modulates specific domains of self-regulation. *Neuroscience Research*, 91, 41-47.
<https://doi.org/10.1016/j.neures.2014.09.007>
 167. Koller, I., & **Lamm, C.** (2014). Item Response Model Investigation of the (German) Interpersonal Reactivity Index Empathy Questionnaire Implications for Analyses of Group Differences. *European Journal of Psychological Assessment*, 31(3), 211-221. <https://doi.org/10.1027/1015-5759/a000227>
 168. Pfabigan, D.M., Seidel, E.M., Wucherer, A.M., Keckeis, K., Derntl, B. & **Lamm, C.** (2014). Affective empathy differs in male violent offenders with high- and low-trait psychopathy. *Journal of Personality Disorders*, 28, 1-20.
<https://doi.org/10.1521/pe.2014.28.145>
 169. Pfabigan*, D.M., Seidel*, E.M., Sladky, R., Hahn, A., Paul, K., Grahl, A., Küblböck, M., Kraus, C., Hummer, A., Kranz, G.S., Windischberger, C., Lanzenberger, R., & **Lamm, C.** (2014). P300 amplitude variation is related to ventral striatum BOLD response during gain and loss anticipation: An EEG and fMRI experiment. *NeuroImage*, 96, 12-21.
<https://doi.org/10.1016/j.neuroimage.2014.03.077>
 170. Pripfl, J., Tomova, L., Riečanský, I., & **Lamm, C.** (2014). Transcranial magnetic stimulation of the left dorsolateral prefrontal cortex decreases cue-induced nicotine craving and EEG delta power. *Brain Stimulation*, 7(2), 226-233.
<https://doi.org/10.1016/j.brs.2013.11.003>
 171. Tomova, L., von Dawans, B., Heinrichs, M., Silani, G., & **Lamm, C.** (2014). Is stress affecting our ability to tune into others? Evidence for gender differences in the effects of stress on self-other distinction. *Psychoneuroendocrinology*, 43, 95-104. <https://doi.org/10.1016/j.psyneuen.2014.02.006>
 172. Votinov, M., Pripfl, J., Windischberger, C., Kalcher, K., Zimprich, A., Zimprich, F., Moser, E., **Lamm, C.***, & Sailer, U. * (2014). A genetic polymorphism of the endogenous opioid dynorphin modulates monetary reward anticipation in the corticostriatal loop. *PLoS ONE*, 9(2), e89954.
<https://doi.org/10.1371/journal.pone.0089954>
 173. Pfabigan, D.M., Zeiler, M., **Lamm, C.**, & Sailer, U. (2014). Blocked versus randomized presentation modes differentially modulate Feedback-Related Negativity and P3b amplitudes. *Clinical Neurophysiology*, 125, 715-726.
<https://doi.org/10.1016/j.clinph.2013.09.029>
 174. Silani*, G., **Lamm*, C.**, Ruff, C.C., & Singer, T. (2013). Right supramarginal gyrus is crucial to overcome emotional egocentricity bias in social judgments. *Journal of Neuroscience*, 33(39), 15466-15476.
<https://doi.org/10.1523/JNEUROSCI.1488-13.2013>
 175. Pripfl, J., Neumann, R., Köhler, U., & **Lamm, C.** (2013). Effects of transcranial direct current stimulation on risky decision making are mediated by 'hot' and 'cold' decisions, personality, and hemisphere. *European Journal of Neuroscience*, 38(12), 3778-3785. <https://doi.org/10.1111/ejn.12375>
 176. Seidel, E.M., Silani, G., Metzler, H., Thaler, H., **Lamm, C.**, Gur, R.C., Kryspin-Exner, I., Habel, U., & Derntl, B. (2013). The impact of social exclusion vs. inclusion on subjective and hormonal reactions in females and males. *Psychoneuroendocrinology*, 38(12), 2925-2932.
<https://doi.org/10.1016/j.psyneuen.2013.07.021>

177. Seidel, E.M.*, Pfabigan, D.M.*, Keckeis, K., Wucherer, A.M., Jahn, T., **Lamm, C.**, & Derntl, B. (2013). Empathic competencies in violent offenders. *Psychiatry Research*, 210, 1168-1175. <https://doi.org/10.1016/j.psychres.2013.08.027>
178. Riečanský, I., Tomova, L., Katina, S., Bauer, H., Fischmeister, F., & **Lamm, C.** (2013). Visual image retention does not contribute to modulation of event-related potentials by mental rotation. *Brain and Cognition*, 83, 163-170. <https://doi.org/10.1016/j.bandc.2013.07.011>
179. Klimecki, O.M., Leiberg, S., **Lamm, C.**, & Singer, T. (2013). Functional neural plasticity and associated changes in positive affect after compassion training. *Cerebral Cortex*, 23(7), 1552-1561. <https://doi.org/10.1093/cercor/bhs142>
180. Hahn, A., Kranz, G.S., Seidel, E.M., Sladky, R., Kraus, C., Küblböck, M., Pfabigan, D.M., Hummer, A., Grahl, A., Ganger, S., Windischberger, C., **Lamm, C.**, & Lanzenberger, R. (2013). Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7 T. *NeuroImage*, 82, 336-343. <https://doi.org/10.1016/j.neuroimage.2013.06.010>
181. Kalcher, K., Boubela, R.N., Huf, W., Biswal, B.B., Baldinger, P., Sailer, U., Filzmoser, P., Kasper, S., **Lamm, C.**, Lanzenberger, R., Moser, E., & Windischberger, C. (2013). RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. *NeuroImage*, 70, 80-88. <https://doi.org/10.1016/j.neuroimage.2012.12.019>
182. Pfabigan, D.M., Pintzinger, N.M., Siedek, D.R., **Lamm, C.**, Derntl, B., & Sailer, U. (2013). Feelings of helplessness increase ERN amplitudes in healthy individuals. *Neuropsychologia*, 51(4), 613-621. <https://doi.org/10.1016/j.neuropsychologia.2012.12.008>
183. Majdandžić, J., Bauer, H., Windischberger, C., Moser, M., Engl, E., & **Lamm, C.** (2012). The human factor: Behavioral and neural correlates of humanized perception in moral decision making. *PLoS ONE*, 7(10), 1-14. <https://doi.org/10.1371/journal.pone.0047698>
184. Ugazio, G., **Lamm, C.**, & Singer, T. (2012). The role of emotion for moral judgments depends on the type of emotion and moral scenario. *Emotion*, 12(3), 579-590. <https://doi.org/10.1037/a0024611>
185. Alexopoulos, J., Pfabigan, D.M., **Lamm, C.**, Bauer, H., & Fischmeister, F.Ph.S. (2012). Do we care about the powerless third? An ERP study of the three-person ultimatum game. *Frontiers in Human Neuroscience*, 6(59), 1-9. <https://doi.org/10.3389/fnhum.2012.00059>
186. Pfabigan, D.M., Alexopoulos, J., Bauer, H., **Lamm, C.**, & Sailer, U. (2011). All about the money – external performance monitoring is affected by monetary, but not by socially conveyed feedback cues in more antisocial individuals. *Frontiers in Human Neuroscience*, 5(100). <https://doi.org/10.3389/fnhum.2011.00100>
187. **Lamm, C.**, Decety, J., & Singer, T. (2011). Meta-analytic evidence for common and distinct neural networks associated with directly experienced pain and empathy for pain. *NeuroImage*, 54(3), 2492-502. <https://doi.org/10.1016/j.neuroimage.2010.10.014>
188. Hein, G.*, **Lamm, C.***, Brodbeck, C., & Singer, T. (2011). Skin conductance response to other's pain predicts later costly helping. *PLoS One*, 6(8), e22759. <https://doi.org/10.1371/journal.pone.0022759>
189. Yamada, M., **Lamm, C.**, & Decety, J. (2011). Pleasing frowns, disappointing smiles – an ERP investigation of counterempathy. *Emotion*, 11(6), 1336-1345. <https://doi.org/10.1037/a0023854>

190. Perry, A., Bentin, S., Bartal, I.B.A., **Lamm, C.**, & Decety, J. (2010). "Feeling" the pain of those who are different from us: Modulation of EEG in the mu/alpha range. *Cognitive, Affective and Behavioral Neuroscience*, 10(4), 493-504. <https://doi.org/10.3758/CABN.10.4.493>
191. **Lamm, C.**, & Singer, T. (2010). The role of anterior insular cortex in social emotions. *Brain Structure and Function*, 214(5-6), 579-591. <https://doi.org/10.1007/s00429-010-0251-3>
192. **Lamm, C.**, Meltzoff, A.N., & Decety, J. (2010). How do we empathize with someone who is not like us? A functional magnetic resonance imaging study. *Journal of Cognitive Neuroscience*, 22(2), 362-376. <https://doi.org/10.1162/jocn.2009.21186>
193. Singer, T.*, & **Lamm, C.*** (2009). The social neuroscience of empathy. *Annals of the New York Academy of Science*, 1156(1), 81-96. <https://doi.org/10.1111/j.1749-6632.2009.04418.x>
194. **Lamm, C.**, Porges, E.C., Cacioppo, J.T., & Decety, J. (2008). Perspective taking is associated with specific facial responses during empathy for pain. *Brain Research*, 1227, 153-161. <https://doi.org/10.1016/j.brainres.2008.06.066>
195. **Lamm, C.**, & Decety, J. (2008). Is the extrastriate body area (EBA) sensitive to the perception of pain in others – an fMRI study. *Cerebral Cortex*, 18(10), 2369-2373. <https://doi.org/10.1093/cercor/bhn006>
196. Windischberger, C., Cunnington, R., **Lamm, C.**, Lanzenberger, R., Langenberger, H., Deecke, L., Bauer, H., & Moser, E. (2008). Time-resolved analysis of fMRI signal changes using brain activation movies. *Journal of Neuroscience Methods*, 169(1), 222-230. <https://doi.org/10.1016/j.jneumeth.2007.11.033>
197. **Lamm, C.**, Nusbaum, H., Meltzoff, A.N., & Decety, J. (2007). What are you feeling? Using functional magnetic resonance imaging to assess the modulation of sensory and affective responses during empathy for pain. *PLoS One*, 2(12), e1292. <https://doi.org/10.1371/journal.pone.0001292>
198. Decety, J., & **Lamm, C.** (2007). The role of the right temporoparietal junction in social interaction: How low-level computational processes contribute to meta-cognition. *The Neuroscientist*, 13(6), 580-593. <https://doi.org/10.1177/1073858407304654>
199. **Lamm, C.**, Batson, C.D., & Decety, J. (2007). The neural substrate of human empathy: Effects of perspective-taking and cognitive appraisal. *Journal of Cognitive Neuroscience*, 19(1), 42-58. <https://doi.org/10.1162/jocn.2007.19.1.42>
200. **Lamm, C.**, Fischer, M., & Decety, J. (2007). Predicting the actions of others taps into one's own somatosensory representations - An fMRI study. *Neuropsychologia*, 45(11), 2480-2491. <https://doi.org/10.1016/j.neuropsychologia.2007.03.024>
201. **Lamm, C.**, Windischberger, C., Moser, E., & Bauer, H. (2007). The functional role of dorso-lateral premotor cortex during mental rotation. An event-related fMRI study separating cognitive processing steps using a novel task paradigm. *NeuroImage*, 36(4), 1374-1386. <https://doi.org/10.1016/j.neuroimage.2007.04.012>
202. Decety, J., & **Lamm, C.** (2006). Human empathy through the lens of social neuroscience. *The Scientific World Journal*, 6, 1146-1163. <https://doi.org/10.1100/tsw.2006.221>

203. **Lamm, C.**, Fischmeister, P.H.S., & Bauer, H. (2005). Individual differences in brain activity during visuo-spatial processing assessed by slow cortical potentials and LORETA. *Cognitive Brain Research*, 25(3), 900-912. <https://doi.org/10.1016/j.cogbrainres.2005.09.025>
204. Windischberger, C., **Lamm, C.**, Bauer, H., & Moser, E. (2003). Human motor cortex activity during mental rotation. *NeuroImage*, 20(1), 225-232. [https://doi.org/10.1016/S1053-8119\(03\)00235-0](https://doi.org/10.1016/S1053-8119(03)00235-0)
205. Bauer, H., Pripfl, J., **Lamm, C.**, Prainsack, C., & Taylor, N. (2003). Functional neuroanatomy of learned helplessness. *NeuroImage*, 20(2), 927-939. [https://doi.org/10.1016/S1053-8119\(03\)00363-X](https://doi.org/10.1016/S1053-8119(03)00363-X)
206. Windischberger, C., Barth, M., **Lamm, C.**, Bauer, H., Schroeder, L., Gur, R.C., & Moser, E. (2003). Fuzzy cluster analysis of high-field functional MRI data. *Artificial Intelligence in Medicine*, 29(3), 203-223. [https://doi.org/10.1016/S0933-3657\(02\)00072-6](https://doi.org/10.1016/S0933-3657(02)00072-6)
207. Windischberger, C., **Lamm, C.**, Bauer, H., & Moser, E. (2002). Consistency of inter-trial activation using single-trial fMRI: Assessment of regional differences. *Cognitive Brain Research*, 13(1), [https://doi.org/10.1016/S0926-6410\(01\)00101-X](https://doi.org/10.1016/S0926-6410(01)00101-X)
208. **Lamm, C.**, Windischberger, C., Leodolter, U., Moser, E., & Bauer, H. (2001). Evidence for premotor cortex activity during dynamic visuo-spatial imagery from single-trial functional magnetic resonance imaging and event-related slow cortical potentials. *NeuroImage*, 14(2), 268-283. <https://doi.org/10.1006/nimg.2001.0850>
209. **Lamm, C.**, Windischberger, C., Leodolter, U., Moser, E., & Bauer, H. (2001). Co-registration of EEG and MRI data using matching of spline interpolated and MRI-segmented reconstructions of the scalp surface. *Brain Topography*, 14(3), 93-100. <https://doi.org/10.1023/A:1012988728672>
210. **Lamm, C.**, Bauer, H., Vitouch, O., Durec, S., Gronister, R., & Gstättnner, R. (2001). Restriction of task processing time affects cortical activity during processing of a cognitive task: An event-related slow cortical potential study. *Cognitive Brain Research*, 10, 275-282. [https://doi.org/10.1016/S0926-6410\(00\)00048-3](https://doi.org/10.1016/S0926-6410(00)00048-3)
211. Fitzgerald, R., **Lamm, C.***, Oczenski, W., Stimpfl, T., Vycudilik, W., & Bauer, H. (2001). Direct current auditory evoked potentials during wakefulness, anesthesia, and emergence of anesthesia. *Anesthesia and Analgesia*, 92(1), 154-160. <https://doi.org/10.1097/0000539-200101000-00030>
212. Flexer, A., Bauer, H., **Lamm, C.**, & Dorffner, G. (2001). Single trial estimation of evoked potentials using Gaussian Mixture Models with integrated noise component. *Lecture Notes in Computer Science*, 2130, 609-616. https://doi.org/10.1007/3-540-44668-0_85
213. Sauter, C., Asenbaum, S., Popovic, R., Bauer, H., **Lamm, C.**, Klösch, G., & Zeilhofer, J. (2000). Excessive daytime sleepiness in patients suffering from different levels of obstructive sleep apnoea syndrome. *Journal of Sleep Research*, 9, 293-301. <https://doi.org/10.1046/j.1365-2869.2000.00211.x>
214. **Lamm, C.**, Bauer, H., Vitouch, O., & Gstättnner, R. (1999). Differences in the ability to process a visuo-spatial task are reflected in event related slow cortical potentials of human subjects. *Neuroscience Letters*, 269, 137-140. [https://doi.org/10.1016/S0304-3940\(99\)00441-3](https://doi.org/10.1016/S0304-3940(99)00441-3)
215. **Lamm, C.** (1999). Radical explanations, but trivial descriptions (commentary). *Behavioral and Brain Sciences*, 22(5), 843-844.

216. **Lamm, C.** (1998). Does brain activity-oriented modelling solve the problem? Commentary on Green on Connectionist-Explanation. *PSYCOLOQUY*, 9(19)

*equal contributions/shared authorship

Books (B), Book Chapters (BC), Proceedings (P)

1. **Lamm, C.**, Wyss, A., Brosch, T., Todorova, B., Doell, K.C. (2024). Leveraging the Social Neuroscience of Prosocial Behavior to Advance Our Understanding of Pro-environmental Behavior. In: Kühn, S. (eds) *Environmental Neuroscience*. Springer, Cham. https://doi.org/10.1007/978-3-031-64699-7_6 (BC)
2. Stoyanov, D., Draganski, B., Brambilla, P., & **Lamm, C.** (Eds.). (2023). *Computational neuroscience*. Humana Press. Springer eBooks. <https://doi.org/10.1007/978-1-0716-3230-7> (B)
3. **Lamm, C.** & Forbes, P. (2024). Neurobiology of Prosociality: Investigating the Link between Empathy and Prosocial Behavior in the Brain. In Malti, T., & Davidov, M. (Eds.). *Cambridge handbook of prosociality: Development, mechanisms, promotion*. Cambridge: Cambridge University Press. (BC)
4. **Lamm, C.** (2019). Empathie und Schmerz. In Bornemann-Cimenti, H., Lang-Illicievich, K. (Eds.), *Schmerz im Fokus – ein bio-psycho-sozio-kulturelles Phänomen* (pp. 107-116). Wien: Maudrich Verlag. (BC)
5. **Lamm, C.**, Riva, F., & Silani, G. (2018). Empathy decline at older age? *Aging*, 10(6), 1182-1183. doi:10.18632/aging.101467 (Editorial)
6. Bukowski, H., **Lamm, C.** (2018) Superior Temporal Sulcus. In V. Zeigler-Hill & T. Shackelford (Eds) *Encyclopedia of Personality and Individual Differences*. Cham: Springer International Publishing. doi: 10.1007/978-3-319-28099-8_463-1 (BC)
7. **Lamm, C.**, Tomova, L. (2018). The neural bases of empathy in humans. In E. Knapska & K. Meyza (Eds.). *Neuronal correlates of empathy – from rodent to man* (pp. 25-36). Amsterdam: Elsevier. doi: 10.1016/B978-0-12-805397-3.00003-6 (BC)
8. Bukowski, H., & **Lamm, C.** (2017). Temporoparietal Junction. In V. Zeigler-Hill & T. Shackelford (Eds.), *Encyclopedia of Personality and Individual Differences*. Cham: Springer International Publishing. doi:10.1007/978-3-319-28099-8_863-1 (BC)
9. Stepniczka, I., Tomova, L., Niedermeier, D., Peschl, M., **Lamm, C.** (2015). Social Situation Awareness: Empathic Accuracy in the Aircraft Cockpit. In D. C. Noelle, R. Dale, A. S. Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.). *Proceedings of the 37th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society. (P)
10. Söchting, E., Hartl, J., Riederer, M., Schönauer, C., Kaufmann, H., & **Lamm, C.** (2015). Development of Tests to Evaluate the Sensory Abilities of Children with Autism Spectrum Disorder. *Procedia Computer Science*, 67, 193-203. (P)
11. Riederer, M., Schoenauer, C., Kaufmann, H., Soechting, E., & **Lamm, C.** (2014). Development of tests to evaluate the sensory abilities of children with Autism Spectrum Disorder using touch and force sensors. In *Wireless Mobile Communication and Healthcare (Mobihealth), 2014 EAI 4th International Conference on* (pp. 160-163). IEEE. doi: 10.1109/MOBIHEALTH.2014.7015935. (P)
12. Ugazio, G., Majdandžić, J., & **Lamm, C.** (2014). Are empathy and morality linked? Insights from Moral Psychology, Social and Decision Neuroscience, and

- Philosophy. In H. Maibom (Ed.), *Empathy in Morality* (pp. 155-171). Oxford: Oxford University Press. (BC)
13. **Lamm, C.**, & Silani, G. (2014). The neural underpinnings of empathy and their relevance for collective emotions. In C. Scheve & M. Salmella (Eds.), *Collective Emotions* (pp. 63-77). Oxford University Press. BC
 14. Ansorge, U., Kirchler, E., **Lamm, C.**, Leder, H. (2013). *TeaP 2013 – Abstracts of the 55th Conference of Experimental Psychologists*. Lengerich: Pabst Science Publishers. (B)
 15. Silani, G., Zucconi, A., & **Lamm, C.** (2013). Carl Rogers meets the neurosciences: Insights from social neuroscience for client-centered therapy. In J.H.D. Cornelius-White, R. Motschnig, & M. Lux (Eds.), *Interdisciplinary Handbook of the Person-Centered Approach: Research and Theory* (pp. 63-78). Wien: Springer-Verlag. (BC)
 16. Guwak, B., & **Lamm, C.** (2010). Einer Intuition folgend - Auf der Suche nach Anknüpfungspunkten und Synergien zwischen Neurowissenschaften und systemischer Beratung. In W. Knopf & I. Walther (Hg.), *Beratung mit Hirn. Neurowissenschaftliche Erkenntnisse für die Praxis von Supervision und Coaching* (pp. 72-84). Wien: facultas.wuv. [following an intuition – searching for connections and synergies between neurosciences and systemic counseling] (BC)
 17. Decety, J., & **Lamm, C.** (2009). The biological basis of empathy. In J. T. Cacioppo & G. G. Berntson (Eds.), *Handbook of Neuroscience for the Behavioral Sciences* (pp. 940-957). New York: John Wiley and Sons. BC
 18. Decety, J., & **Lamm, C.** (2009). Empathy vs. personal distress – new evidence from social neuroscience. In J. Decety & W. Ickes (Eds.), *The Social Neuroscience of Empathy* (pp. 199-214). Cambridge: MIT Press. (BC)
 19. **Lamm, C.**, Windischberger, C., Moser, E., & Bauer, H. (2006). Functional relevance of motor areas during mental rotation. In F.J. Chen (Ed.), *Trends in brain mapping research*. New York: Nova Science Publishers. BC
 20. Tscheligi, M., Giller, V., **Lamm, C.**, & Beranek, G. (2004). Multichannel Usability – Grundlagen und Richtlinien für die optimale Berücksichtigung des Faktors Mensch bei der Gestaltung von Multichannel Systemen. In O. Merx, C. Bachem, (Hrsg.). *Multichannel – Marketing Handbuch*. x.media.press, Berlin: Springer [Multichannel Usability – basics and guidelines for optimal consideration of human factors in designing multichannel systems; In Multichannel – Handbook Marketing] (BC)
 21. Tscheligi, M., Giller, V., & **Lamm, C.** (2002). Der mobile Benutzer und seine Sorgen mit mangelnder Benutzbarkeit. In *Handbuch Internet. Der Business-Guide für optimale Präsenz und langfristigen Erfolg im Netz*. Wien: Falter Verlag. [The mobile user and his problems with inefficient usability; In Handbook internet. Business guide for optimal representation and lasting success in the world wide web] (BC)
 22. Bauer, H., & **Lamm, C.** (2001). Kognitive Neurowissenschaften und Neuroimaging. *Psychologie in Österreich*, 21(5), 429-433. [Cognitive Neurosciences and Neuroimaging] (P)
 23. **Lamm, C.**, Windischberger, C., Leodolter, U., Moser, E., & Bauer, H. (2001). Combination of functional magnetic resonance and slow cortical potential imaging in the assessment of cognitive processing. In K.W. Kallus, N. Posthumus, & P. Jiménez (Eds.), *Current psychological research in Austria. Proceedings of the 4th scientific conference of the Austrian Psychological Society (ÖGP)*. Graz: Akademische Druck- u. Verlagsanstalt. (P)

24. Flexer, A., Bauer, H., **Lamm, C.**, & Dorffner G. (2001). Model-based noise reduction for single trial evoked potentials. In D.J. Miller et al. (eds.), *Neural networks for signal processing XI*. New York: Institute of Electrical and Electronics Engineers. (P)
25. **Lamm, C.** (1999). Bewußtsein: neurale Grundlagen, subjektives Erleben und Grenzen menschlicher Erkenntnis. In T. Sluneco, O. Vitouch, C. Korunka, H. Bauer & B. Flatschacher (Hrsg.), *Psychologie des Bewußtseins - Bewußtsein der Psychologie*. Wien: Wiener Universitäts Verlag. [Consciousness: neural bases, subjective experience and limitations of human understanding; In Psychology of consciousness – awareness of psychology] (BC)
26. Bauer, H., **Lamm, C.**, & Vitouch, O. (1998). Topographie der Bestandpotentialänderungen bei Bearbeitung räumlicher Aufgaben. In J. Glück, O. Vitouch, M. Jirasko & B. Rollett (Hg.), *Perspektiven psychologischer Forschung in Österreich*. Wien: WUV-Universitätsverlag. (B) [Topography of steady potentials in processing spatial tasks; In Perspectives of psychological research in Austria] (P)
27. Bauer, H., **Lamm, C.**, & Vitouch, O. (1998). Slow potential topography and cognitive anatomy. In F. Rattay (Ed.), *Proceedings TU-BioMed Symposium 1998 'Brain Modelling'* (ARGESIM Report No. 10). Vienna: ARGESIM. (P)
28. **Lamm, C.**, Klauda, E., Bauer, H., Vitouch, O., & Leodolter, M. (1998). Kortikale Korrelate unterschiedlicher Bearbeitungspräferenzen bei visuell und akustisch evozierten Vorstellungsprozessen. In J. Glück, O. Vitouch, M. Jirasko & B. Rollett (Hg.), *Perspektiven psychologischer Forschung in Österreich*. Wien: WUV-Universitätsverlag. [Cortical correlates of differing processing strategies during visual and acoustic imagery; In Perspectives of psychological research in Austria] (P)
29. Vitouch, O., Bauer, H., **Lamm, C.**, Vanecek, E., & Leodolter, M. (1998). DC-Potentialtopographien musikbezogener Kognitionen: Imaginative und motorische Komponenten beim Klavierspiel. In J. Glück, O. Vitouch, M. Jirasko & B. Rollett (Hg.), *Perspektiven psychologischer Forschung in Österreich*. Wien: WUV-Universitätsverlag. [DC-potential topographies during musical cognitions: imaginative and motor components during piano playing; In Perspectives of psychological research in Austria] (P)

Monographs (unpublished)

1. **Lamm, C.** (2001). *Functional neuroanatomy of dynamic visuo-spatial imagery*. Unpublished Ph.D. thesis, University of Vienna.
2. **Lamm, C.** (1996). *Raumvorstellungstraining & langsame ereigniskorrelierte Potentiale. Eine Untersuchung von Trainingseffekten auf DC-EEG derivierte corticale Aktivitätsmaße unter Verwendung Rasch-homogenen Stimulusmaterials*. Master's thesis, University of Vienna. [Training of spatial cognition and slow event-related cortical potentials. An investigation of training effects on measures of cortical activity using Rasch-homogeneous task materials]

Invited talks and lectures (selection)

Over 50 invited oral presentations at international conferences, colloquia, workshops, and summer schools. Recent Top 5:

- Keynote Lecture "Social Neuroscience During the Covid-19 Pandemic, and Beyond - How Age, Social Connectedness, and Prosociality Affect Resilience and Mental Health". *Brain and Mental Health Conference 2024*, Hong Kong Shue Yan University, June 15-16, 2024. (online)
 - Keynote Lecture "Social Aspects of Placebo Effects". *4th International Conference of the Society for Interdisciplinary Placebo Studies (SIPS)*, Duisburg, Germany, May 10-13, 2023.
 - Invited symposium talk "Shared, yet distinct: The neural mechanisms of human empathy". *Keystone Symposia on Molecular and Cellular Biology*, September 4-7, 2022.
 - Keynote Lecture "The social neuroscience of empathy - from shared affect to self-other distinction". *Neuromatch 3.0*, October 26, 2020.
 - Keynote Address "The social neuroscience of empathy - from shared affect to self-other distinction". *International Congress of Psychology (ICP) 2020+*, Prague, July 18-23, 2021.
 - Invited talk in "Integrative Science" symposium, APS-International Convention of Psychological Science (ICPS), Vienna, Austria, March 25, 2017.
 - Keynote lecture "Comparative Affective Science: The Intersection of Biology and Psychology", Lorentz Center, Universiteit Leiden, July 24, 2017
1. Invited talk "Using comparative canine functional magnetic resonance imaging to explore the convergent evolution of social cognition". *42nd European Winter Conference for Brain Research (EWCBR)*, Le Diablerets, Switzerland, January 24th, 2025, **Lamm, C.**
 2. Keynote talk (online) "Social neuroscience and the Covid-19 pandemic". *Brain and Mental Health Conference: Neuropsychological Underpinnings of Mental Health Across Lifespan: From the Young to the Old in the Time of Covid-19 Pandemic*, June 16, 2024, **Lamm, C.**
 3. Invited colloquium talk "Neural bases of empathy, prosocial and pro-environmental behaviour". *Universität Würzburg Research Training Group – neural mechanisms of (mal)adaptive approach and avoidance behaviour*, June 7, 2024, **Lamm, C.**
 4. Keynote Lecture "Social Aspects of Placebo Effects". *4th International Conference of the Society for Interdisciplinary Placebo Studies (SIPS)*, Duisburg, Germany, May 10-13, 2023, Leknes, S., Båbel, P., **Lamm, C.**
 5. Keynote Lecture "Empathy for pain and its link to prosocial behavior". *Resolve Pain Retreat*, University of Würzburg, March 16, 2023, **Lamm, C.**
 6. Talk "Neural mechanisms of empathy and prosocial behavior". *Cooperation Colloquia*, Vienna, January 27, 2023, **Lamm, C.**
 7. Keynote Lecture "Novel multi-method neuroimaging approaches to unravel the complexities of the human social brain". *Czech-BioImaging Annual Scientific Conference*, Hustopeče, October 4-5, 2022, **Lamm, C.**
 8. Invited symposium talk "Shared, yet distinct: The neural mechanisms of human empathy". *Keystone Symposia on Molecular and Cellular Biology*, September 4-7, 2022, **Lamm, C.**
 9. Invited conference talk "The Social Neuroscience of Empathy and Prosocial Behavior". *Progress in Psychoradiology and Cognitive / Affective Neuroscience (PiPCAN)*, December 03, 2021, **Lamm, C.**
 10. Invited symposium talk "Comparative and neural approaches to social cognition" (with Natalie Sebanz) in CogSci2021 conference "Comparative Cognition – Animal Minds", Vienna, July 26-29, 2021 (online format due to Covid-19), **Lamm, C.**
 11. Keynote Address "The social neuroscience of empathy - from shared affect to self-other distinction". *International Congress of Psychology (ICP) 2020+*, Prague, July 18-23, 2021. **Lamm, C.**

12. *Keynote Lecture "The social neuroscience of empathy - from shared affect to self-other distinction". Neuromatch 3.0, October 26, 2020, Lamm, C.*
13. *Bühlerkolloquium, TU Dresden, June 16, 2020: Lamm, C., Shared, yet distinct: multi-method insights into the neural bases of empathy*
14. *„Hardwired Sociality?“ Workshop, Vienna University of Economics and Business, November 29-30, 2019: Lamm, C., The neural bases of empathy - hardwired, or not?*
15. *Keynote lecture „Tourismus - Klima(wandel) – Konsum“, Universität Innsbruck, November 22, 2019: Lamm, C., Wie psychologische Denk- und Verhaltensmuster zum menschengemachten Klimawandel beitragen.*
16. *The CDL at the Animal Training Conference, Warsaw, Polen, November, 2019: Karl, S., Boch, M., Virányi, Z., Marshall-Pescini, S., Lamm, C., & Huber, L. Training pet dogs to investigate their cognitive abilities by using different methods.*
17. *Neuroscience Seminars, Invited talk, Sussex, United Kingdom, May 13, 2019: Lamm, C. The social neuroscience of empathy.*
18. *Sylvius Lecture, Invited talk, Leiden, Netherlands, May 9, 2019: Lamm, C. Shared yet distinct - the neural bases of empathy.*
19. *Neurobiology of Empathy, Two-day Workshop, Warsaw Sept 10-11, 2018: Lamm, C. The role of the opioid system in empathy for pain.*
20. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11, 2017: Rauchbauer, B., Lamm C. Multimethod evidence of mimicry being used to appease anger.*
21. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 13, 2017: Lamm, C. The neural mechanisms of empathy for pain – from shared activations to shared representations?*
22. *Keynote lecture "Comparative Affective Science: The Intersection of Biology and Psychology" workshop, Lorentz Center, Universiteit Leiden, July 24, 2017: Lamm, C., What does it mean to be well, and how can we feel and know that?*
23. *"Neuroscience goes social" workshop, Sapienza Università di Roma, May 26, 2017: Lamm, C., How causal experimental manipulations help to advance our understanding of the social brain.*
24. *Zangwill Club Series, University of Cambridge, April 28, 2017: Lamm, C., Empathy – from shared affect to self-other distinction.*
25. *Fifth Biennial Conference on Resting State Brain Connectivity, Vienna, Austria, September 24, 2016: Lamm, C., Non-invasive brain stimulation in social neuroscience (Satellite Workshop)*
26. *Symposium Psychology in Legal Proceedings, Center for the Economic Analysis in Law, Vienna, Austria, June 13, 2016: Lamm, C., Empathy – Boon and Bane of Decision*
27. *Cognitive science research platform (CogSci Talk), Vienna, Austria, October 15, 2016: Lamm, C., The neural bases of empathy - novel insights from a multimethod social neuroscience approach.*
28. *The 6th International Meeting of the Haifa Forum for Brain and Behavior, Haifa, Israel, February 14, 2016: Lamm, C., Understanding empathy-advancing from neural correlates to neural mechanisms.*
29. *Colloquium of the Central European Institute of Technology (CEITEC), Brno, Czech Republic, February 12, 2016: Lamm, C., The neural bases of empathy - novel mechanistic insights from a multimodal social neuroscience approach.*
30. *Keynote lecture, Slovak Academy of Sciences, 14th Psychopharmacological Symposium, Smolenice, Slovakia, November 27, 2015.*

31. *Colloquium of the Institute of Cognitive Neuroscience, University College London, November 9, 2015: Lamm, C.,* The neural mechanisms of empathy: Novel insights from a multimethod social neuroscience approach.
32. *Summer School "The social self", Aegina Greece June 22 2015: Lamm, C.,* The neural bases of empathy and self-other distinction
33. *Reading Emotions Workshop, Reading UK June 4 2015: Lamm, C.,* Empathy for pain – is there any evidence for „shared representations“?
34. *European Workshop on Cognitive Neuropsychology, Bressanone Italy January 28, 2015: Lamm, C.,* The neural substrates of empathy and self-other distinction.
35. *International Summer School in Social Cognitive Neuroscience (SCONE), SISSA, Trieste, Italy, July 23, 2014: Lamm, C.,* Neuroimaging in Social Cognitive Neuroscience.
36. *Symposium "Understanding Each Other: Towards an Interdisciplinary Conceptualization of Empathy", Utrecht University, Netherlands, May 1, 2014: Lamm, C.,* The neurological underpinnings of empathy.
37. *Workshop "Empathy: the neurology and interpersonal effects of understanding and feeling for others", Utrecht, Netherlands, May 2, 2014: Lamm, C.,* Testing the shared representations account of empathy using a neuroscience approach
38. *"Shedding light on the shadow of economy" workshop, Vienna, Austria, September 27, 2013: Lamm, C.* Neuroscientific methods.
39. *Distinguished Lecture Series, Faculty of Law, University of Vienna, Austria, June 24, 2013: Lamm, C.,* Neurowissenschaftliche Grundlagen von Empathie und Egozentrismus – Implikationen für Forensik und Rechtswissenschaften [The neural bases of empathy and egocentrism – implications for forensics and law]
40. *European Science Foundation ESCON2 Transfer of Knowledge Meeting, Vilnius, Estonia, Aug 28 2013, Preconference on Social Neuroscience: Lamm, C.* From empathy to prosocial behavior.
41. *Alpine Brain Imaging Meeting (ABIM), Champéry, Switzerland, January 10, 2013: Lamm, C.,* From empathy to prosocial behavior.
42. *Psychobiological Colloquium, University of Freiburg, Germany, December 20, 2012: Lamm, C.,* From empathy to prosocial behavior - a social neuroscience approach.
43. *3rd European Workshop on Social Neuroscience, University of Ghent, Belgium, June 24-28 2013: Lamm, C.,* Neuroscience of Emotion and Morality.
44. *Colloquium of the Culture and Social Cognitive Neuroscience Laboratory, Department of Psychology, Peking University, June 15, 2012: Lamm, C.,* Multimodal neuroimaging of empathy and social cognition.
45. *Helsinki Collegium for Advanced Studies, Helsinki, Finland, June 5-6, 2012: Lamm, C.,* The neural underpinnings of empathy.
46. *Colloquium of the Central European Institute of Technology (CEITEC), Brno, Czech Republic, Mai 7, 2012: Lamm, C.,* Using multimodal neuroimaging to unveil the neural mechanisms of social cognition.
47. *10. Tagung der Österreichischen Gesellschaft für Psychologie [10th Scientific Meeting of the Austrian Psychology Association], Graz, Austria, April 12-14, 2012: Lamm, C.,* Soziale Neurowissenschaften – Eine Kurzvorstellung [Social neurosciences – A short introduction]
48. *Society for Ethics, Austrian Academy of Sciences, Symposium "Altruism 2". November 9, 2011: Lamm, C.,* The link between empathy, compassion, and prosocial behavior.

49. *Federation of European Societies of Neuropsychology (ESN) Congress 2011: Lamm, C.,* Humanized perception of potential victims during moral decision making recruits empathy-related brain areas.
50. *Colloquium of the Cognitive Neuroscience Sector of the International School of Advanced Studies (S.I.S.S.A.), Trieste/Italy, July 8, 2011: Lamm, C.,* The role of emotions in moral judgment – a social cognitive neuroscience approach.
51. *Mei:CogSci Conference 2011, Ljubljana, June 18, 2011: Lamm, C.,* Neural mechanism underlying the experience of empathy.
52. *International Applied Military Psychology Symposium (IAMPS), Vienna, May 26, 2011: Lamm, C.,* Majdandžić, J., Windischberger, C., Langer, C., Moser, E., & Bauer, H., Humanized perception of potential victims during moral decision making recruits empathy-related brain areas.
53. *HABITVS Conference on understanding virtue: New directions bridging Neuroscience and Philosophy.* May 19, 2011: Invited Panel Member. Travis Research Institute, Fuller Theological Seminar and CalTech, Pasadena, CA.
54. *10. Austrian fMRI-Symposium, Graz, Austria, December 4, 2010: Lamm, C.,* Der Einsatz von fMRT zur Untersuchung sozialer Prozesse [Using fMRI to investigate social phenomena]
55. *Autumn School – The functions of the anterior cingulate cortex. Oppburg, Germany, November 26, 2010: Lamm, C.,* Social cognition and the ACC.
56. *German Association for Psychiatry and Psychotherapy, Main Symposium ("Hauptsymposium") "Deficits in social cognition: a marker for psychiatric disorders?", Berlin, Germany, November 25, 2010: Lamm, C.,* Neural networks involved in the experience of empathy.
57. *Deutscher Schmerzkongress 2010, Symposium „Empathie und Schmerz“, Mannheim, Germany, October 8, 2010: Lamm, C.,* Empathie für Schmerz als veränderbare Reaktion: Die Relevanz neuronaler Befunde für den klinischen Alltag [Empathy for pain as a malleable response: the relevance of neuroscientific findings for clinical practice]
58. *Internationales Symposium zu bildgebenden Verfahren, 9. Tagung der Österreichischen Gesellschaft für Psychologie [Neuroimaging Symposium, 9th Meeting of the Austrian Psychology Association], Salzburg, Austria, April 10, 2010: Lamm, C.,* Die Untersuchung sozialer Prozesse mittels fMRT [Investigating social processes using fMRI]
59. *Action Colloquium, Max Planck Institute for Human Cognitive and Brain Sciences, Psychology Group (Prof. Prinz), Leipzig, Germany, January 26, 2010: Lamm, C.,* The multiple routes to empathy.
60. *Karolinska Institute, Department of Clinical Neuroscience, Stockholm, Sweden, October 15, 2009: Lamm, C.,* Human empathy – a social neuroscience perspective.
61. *Colloquium of the IRTG 1328 Schizophrenia and Autism, RWTH Aachen, Germany, October 6, 2009: Lamm, C.,* The neural bases of empathy.
62. *European Neuroscience and Society Network, Mini-Neuroschool: Social Neuroscience and Neuroimaging, Vienna, Austria, April 1, 2009: Lamm, C.,* Social Neuroscience – current research questions and conceptual issues.
63. *Annual Meeting of the Society for Personality and Social Psychology (SPSP), Symposium Sharing, understanding and caring about the emotions of others: Relationships between different facets of empathy, Tampa, FL, USA, February 7, 2009: Lamm, C.,* The role of top-down processes in modulating empathy – a social neuroscience perspective.

64. *Colloquium of the Cognitive and Affective Control Lab, Columbia University, USA, June 6, 2008: Lamm, C.,* Neural bases of empathy.
65. *Colloquium "Foundations of Human Social Behaviour", University of Zurich, Switzerland, October 11, 2007: Lamm, C.,* Upside down, inside out – neurobehavioral investigations of the modulation of empathy.
66. *Department of Psychology Colloquium, University of Vienna, Austria, March 27, 2007: Lamm, C.,* The neural bases of empathy.
67. *Department of Psychology Colloquium, Rutgers University, Newark, NJ, February 23, 2007: Lamm, C.,* The ups and downs of empathy – neurobehavioral investigations of the modulation of empathy10. *Tagung der Österreichischen Gesellschaft für Psychologie [10th Scientific Meeting of the Austrian Psychology Association], Graz, Austria, April 12-14, 2012.*
68. *Brain Research Imaging Center Roundtable, The University of Chicago, October 19, 2006: Lamm, C.,* Event-related paradigms and the separability of hemodynamic responses to successive events – implications for an fMRI study investigating the role of shared experiences in empathy for pain.
69. *4th Austrian fMRI Symposium, Medical University Vienna, Austria, December 10-11, 2004: Lamm, C.,* Mentale Rotation [Mental rotation]
70. *Social Cognitive Neuroscience Colloquium, University of Washington, Seattle, USA, April 29, 2004: Lamm, C.,* The role of premotor areas in mental rotation and spatial cognition: Combined evidence from fMRI and ERPs.
71. *Department of Psychology, University Klagenfurt, Klagenfurt, Austria, October 15, 2003: Lamm, C.,* Drogen und Gehirn – Neurophysiologie und Neuroanatomie von Abhängigkeit und Substanzmissbrauch [Drugs and the brain – neurophysiology and neuroanatomy of addiction and substance abuse]
72. *Max-Planck Society for Psychological Research, Munich, Germany, May 30, 2001: Lamm, C.,* DC-Potentiale, fMRT und räumliche Kognition [DC potentials, fMRI and spatial cognition]
73. *Symposium fMRI and Neuropsychological Functions, University of Liechtenstein, Valens, Switzerland, April 26, 2001: Lamm, C.,* Kombination von fMRI und EEG zur Untersuchung kognitiver Prozesse [Combination of fMRI and EEG in investigating cognitive processing]
74. *Colloquium of the Cognitive Psychophysiology Group, University of Marburg, Germany, February 11, 2000: Lamm, C.,* Koregistrierung von langsamen ereigniskorrelierten Potentialen und funktioneller Magnetresonanztomographie während Raumvorstellungsprozessen [Co-registration of slow event-related cortical potentials and fMRI during visuo-spatial imagery]
75. *Neuroscience Seminars, Austrian Society of Neuroscience, Vienna, Austria, December 15, 1999: Lamm, C.,* fMRI und Slow Potential Topography bei Raumvorstellungsprozessen [fMRI and Slow Potential Topography during visuo-spatial imagery]
76. *Colloquium "Medical Physics and Biophysics", Institute for Medical Physics, University of Vienna, Austria, June 22, 1999: Lamm, C.,* Mentale Rotation und fMRI [Mental rotation and fMRI]
77. *Conferencia Internacional Ciencia y Tecnologia para el Desarrollo - CIMAF '99 La Habana, Cuba, March 22-26, 1999: Vitouch, O. and Lamm, C.,* Application of statistical inference methods to brain imaging data: 'The small n, big k trap'.

Conference talks (submitted, reviewed; selection)

1. *ASCP 2019, American Society of Clinical Psychopharmacology, May 28-31, Scottsdale (Phoenix) Arizona*: Kraus, C., Seiger, R., Pfabigan, D.M., Sladky, R., Auer, B., Tik, M., Paul, K., Woletz, M., Spies, M., Gryglewski, G., Vanicek, T., Komorowski, A., Kasper, S., **Lamm, C.**, Windischberger, C., Lanzenberger, R. Prediction of Antidepressant Treatment Outcomes with Ultra-high Field Magnetic Resonance Imaging.
2. *4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 21, 2018*: Bukowski, H., Tik, M., Silani, G., Ruff, C., Windischberger, C., **Lamm, C.**, Self-Other distinction in empathy is modulated by cTBS on right supramarginal gyrus and dispositional cognitive empathy: An rTMS/fMRI study.
3. *4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 20, 2018*: Rütgen, M., Pletti, C., Tik, M., Kraus, C., Geissberger, N., Klöbl, M., Woletz, M., Vanicek, C., Windischberger, C., Lanzenberger, R., **Lamm, C.**, Disentangling the effects of major depression disorder and antidepressant treatment on empathy for pain.
4. *4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 20, 2018*: Renberg Tamm, S., Nilsonne, G., Schwarz, J., **Lamm, C.**, Kecklund, G., Petrovic, P., Fischer, H., Åkerstedt, T., Lekander, M., The effect of sleep restriction on empathy for pain and emotional mimicry: An fMRI study in younger and older adults.
5. *4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 20, 2018*: Riva, F., Tschernegg, M., Kronbichler, M., **Lamm, C.**, Silani, G., The influence of age on emotional egocentrism.
6. *Conference on Decision Sciences, Konstanz, Germany. September 25 – 28, 2018*. Gangl, K., Pfabigan, D., **Lamm, C.**, Kirchler, E., & Hofmann, E. (2017): Coercive and legitimate authority impact tax honesty: Evidence from behavioral and ERP experiments.
7. *51st Congress of the German Association of Psychology, Frankfurt, Germany. September 15 – 20, 2018*: Gangl, K., Pfabigan, D., **Lamm, C.**, Kirchler, E., & Hofmann, E. (2017). Coercive and legitimate authority impact tax honesty: Evidence from behavioral and ERP experiments.
8. *International Convention of Psychological Science (ICPS), Vienna, Austria. March 23-25, 2017*: **Lamm, C.** Combining psychopharmacology, fMRI, EEG and experimental design manipulations to gain better insights into functional equivalence.
9. *XXIV National Congress of the Italian Society of Psychophysiology (SIPF), Milan, Italy, October 27-29, 2016*: Morese, R., Bosco, M. F., **Lamm, C.**, Valentini, M.C., Silani, G. Social support modulates the neural correlates underlying social exclusion.
10. *3rd international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, June 23-26, 2016*: Rütgen, M., Seidel, E.M., Gartus, A., Rieckens, I., **Lamm, C.** Common opioidergic modulation of first-hand experience and empathy for pain: neural evidence from event-related potentials.
11. *Euroasian Pacific Joint Conference on Cognitive Science, Turin, Italy, Sept. 25-27, 2015*: **Lamm, C.** The neurophysiology of empathy.
12. *EASP Small Group Meeting "Towards a neuroscience for social psychologists", Graz, Austria, Sept 9-11, 2015*: Bukowski H., **Lamm, C.** Pitfalls in Social Neuroscience: The case of empathy.

13. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Sladky, R., Hahn, A., Stürkat, I.-L., Hoffmann, A., Kranz, G., Tik, M., Seiger, R., Pfabigan, D., **Lamm, C.**, Lanzenberger, R., Windischberger, C. Modeling effective connectivity in the extended emotion processing network using DCM at 7T.
14. *44th Annual ISPNE Conference: Sex and Gender across the lifespan, Montréal, Canada, August 19-22, 2014*: **Lamm, C.**, Tomova, L., von Dawans, B., Heinrichs, M., Silani, G. Effects of acute stress on self-other distinction.
15. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Abrahamczik, M., Seidel, E.M., Riečanský, I., Silani, G., **Lamm, C.** "The analgesic I took will ease our pain"- Generalization of placebo analgesia to empathy for pain.
16. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Tomova, L., von Dawans, B., Heinrichs, M., Silani, G., **Lamm, C.** Is stress affecting our ability to tune into others? Evidence for gender differences in the effects of stress on self-other distinction.
17. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Majdandžic, J., Rauchbauer, B., Maksimova, M., Gerger, G. & **Lamm, C.** Effects of movement congruency on empathy and prosocial behavior.
18. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Riečanský, I., Paul, N., Kölbl, S., Stieger, S. & **Lamm, C.** In-group bias in sensorimotor resonance during observation of pain in others.
19. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Riva, F., Silani, G., Kronbichler, M., Tschernegg, M., **Lamm, C.** Self and other distinction in the motor, cognitive and emotional domains: same or distinct functions? A behavioral and neurophysiological investigation.
20. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie"), Vienna, Austria, April, 24 – 26, 2014*: Pfabigan, D.M., Seidel, E., Lehner, S., Keckeis, K., Eisenegger, C. & **Lamm, C.** Social decision making in psychopathy.
21. *3rd ToK Conference of CompCog, Vienna, Austria, July 3-5, 2013*: Pripfl, J., & **Lamm, C.** Cognitive control of emotion in risky decision making: Hemispheric lateralization of dorsolateral prefrontal cortex function.
22. *16th Congress of the European Association of Work and Organizational Psychology (EAWOP), Münster, Germany, May, 22-25, 2013*: Gangl, K., Hofmann, E., Pfabigan, D., **Lamm, C.**, & Kirchler, E. The effect of coercive power and legitimate power of tax authorities on tax behavior.
23. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen"), Vienna, Austria, March 24-27, 2013*: Seidel, E.-M., Silani, G., Metzler, H., Thaler, H., **Lamm, C.**, Gur, R.C., Kryspin-Exner, I., Windischberger, C., Moser, E., Habel, U., & Derntl, B. Social interaction divergently affects testosterone and progesterone.
24. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen"), Vienna, Austria, March 24-27, 2013*: Majdandžić, J., Rauchbauer, B., Huber-Huber, C., & **Lamm, C.** Effects of motor congruency on empathy and prosocial behavior.

25. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen")*, Vienna, Austria, March 24-27, 2013: Pfabigan, D.M., Seidel, E.-M., Wucherer, A., Keckeis, K., Derntl, B., & **Lamm, C.** Empathic abilities in psychopathic and non-psychopathic violent offenders.
26. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen")*, Vienna, Austria, March 24-27, 2013: Pripfl, J., & **Lamm, C.** The involvement of the DLPFC in risky decision making: A transcranial direct current stimulation study.
27. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen")*, Vienna, Austria, March 24-27, 2013: Riečanský, I., Haller, B., & **Lamm, C.** The effects of repetitive transcranial magnetic stimulation on visually-guided decisions.
28. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen")*, Vienna, Austria, March 24-27, 2013: Tomova, L., Pripfl, J., & **Lamm, C.** Using TMS to treat smoking addiction: Changes of acute effects over time.
29. *10. Tagung der Österreichischen Gesellschaft für Psychologie [10th Scientific Meeting of the Austrian Psychology Association]*, Graz, Austria, April 12-14, 2012: Koller, I., & **Lamm, C.** Forschungsreferat: Psychometrische Eigenschaften des SPFs für Empathie unter Anwendung des Partial Credit Modells [Psychometric characteristics of the SPF concerning empathy by utilize the partial credit model]
30. *10. Tagung der Österreichischen Gesellschaft für Psychologie [10th Scientific Meeting of the Austrian Psychology Association]*, Graz, Austria, April 12-14, 2012: Pfabigan, D., Pintzinger, N., Siedek, D., **Lamm, C.**, Derntl, B., & Sailer, U. Einfluss erlernter Hilflosigkeit auf neuronale Korrelate der Fehlerverarbeitung [Investigating learned helplessness on neural correlates concerning error processing]
31. *5th Scientific Meeting of the Austrian Psychology Association*, Vienna, Austria, March 1-2, 2002: **Lamm, C.**, Windischberger, C., Leodolter, U. Moser, E., & Bauer, H. Funktionelle Relevanz motorischer Areale bei der Verarbeitung räumlicher Information [Functional relevance of motor areas during processing spatial information]
32. *35th Annual Meeting of the German Society for Neuroradiology*, Marburg, Germany September 6-9, 2000: **Lamm, C.**, Windischberger, C., Moser, E., & Bauer, H. Untersuchung höherer kognitiver Prozesse mittels fMRT und EEG [Investigating higher-order cognitive processing using fMRI and EEG]
33. *4th Scientific Meeting of the Austrian Psychology Association*, Graz, Austria, December 3-4, 1999: **Lamm, C.**, Windischberger, C., Moser, E., & Bauer, H. Coregistrierung von Slow Potential Topography und funktioneller Magnetresonanztomographie bei der Verarbeitung von Raumvorstellungsaufgaben. [Co-registration of slow event-related cortical potentials and fMRI during visuo-spatial imagery]
34. *4th Scientific Meeting of the Austrian Psychology Association*, Graz, Austria, December 3-4, 1999: Bauer, H., **Lamm, C.**, & Leodolter, M. Topographie langsamer kortikaler Potentiale bei Emotionen. [Topography of slow cortical potentials during emotional experiences]
35. *4th Meeting of the subsection 'Methods in Psychology' of the German Society of Psychology Leipzig*, Germany, September 23-25, 1999: Vitouch, O., **Lamm, C.**, & Glück, J. Matrix-strukturelle Probleme bei der inferenzstatistischen Analyse

von Brain Imaging-Daten. [Matrix-structural problems in the statistical analysis of brain imaging data]

36. *European Congress of Radiology ECR '99, Vienna, Austria, March 7-12 1999:* Herold, Ch.J., **Lamm, C.**, Rémy-Jardin, M., Grenier, P., Rémy, J., Schnyder, P., Verschakelen, J.A., Prokop, M., van Rossum, A., Laurent, F., Carette. M.-F., & Hahne, J. (1999). Prospective evaluation of pulmonary embolism: Initial results of the European Multicenter Trial (ESTIPEP).
37. *European Congress of Radiology ECR '99, Vienna, Austria, March 7-12 1999:* Herold, Ch.J., Hahne, J., Grenier, P., Rémy-Jardin, M., Rémy, J., Schnyder, P., Verschakelen, J.A., Prokop, M., Pattynama, P.M.T., Laurent, F., Carette. M.-F., & **Lamm, C.** (1999). Interobserver agreement in prospective evaluation of pulmonary embolism: Results from the ESTIPEP trial.
38. *7th International Conference on Cognitive Neuroscience, Budapest, Hungary, June 27 - July 3 1999:* **Lamm, C.**, Slow waves and spatial cognition.
39. *7th International Conference on Cognitive Neuroscience, Budapest, Hungary, June 27 - July 3 1999:* Vitouch, O., **Lamm, C.**, and Bauer, H. Slow waves and music performance.
40. *41st Congress of the German Society of Psychology, Dresden, Germany, September 27 - October 1, 1998:* **Lamm, C.**, Winkler, B., Bauer, H., Vitouch, O., & Leodolter, M. Slow Potential Topography bei mentaler Transformation und Rotation haptisch dargebotener Stimuli. [Slow Potential Topography during mental transformation and rotation of tactile stimuli]
41. *Technical University-Biomed Symposium, Technical University of Vienna, Vienna, Austria, February 27, 1998:* Bauer, H., **Lamm, C.**, & Vitouch, O. Slow Potential Topography and cognitive anatomy.
42. *3rd Meeting of the Austrian Psychology Association, Salzburg, Austria, December 5-6, 1997:* Bauer, H., Vitouch, O., **Lamm, C.**, & Leodolter, M. Topographie der Bestandpotentialänderungen bei Bearbeitung räumlicher Aufgaben. [Topography of slow potential changes during processing of spatial tasks]
43. *3rd Meeting of the Austrian Psychology Association, Salzburg, Austria, December 5-6, 1997:* Vitouch, O., Bauer, H., Vanecek, E., **Lamm, C.**, & Leodolter, M. DC-Potentialtopographien musikbezogener Kognitionen: Imaginative und motorische Komponenten beim Klavierspiel. [DC-potential topographies during music cognition: Imaginative and motor components in piano playing]

Poster Presentations (selection)

1. *Salzburg Mind Brain Annual Meeting (SAMBA), July 11th, 2024, Salzburg, Austria.* Boch, M., Völter, C., Mars, R.B., Huber, L. & **Lamm, C.** "Social expectation formation in the dog temporal lobe", awarded best poster.
2. *European Society for Cognitive and Affective Neuroscience (ESCAN), July 19-22, 2022.* Todorova, B., Zhang, L., Forbes, P., Nitschke, J., Doell, K., Pahl, S., **Lamm, C.** award "The neurocomputational basis of self-benefitting vs pro-environmental behavior", 3rd place poster prize.
3. *2020 American Psychosomatic Society (APS) Virtual Meeting, Pursuing Health Equity in the Context of COVID-19: The Essential Role of Psychosomatic Science, December 3-4, 2020.* Feneberg, A., Forbes, P., Pronizius, E., Stijovic, A., Silani, G., **Lamm, C.**, Nater, U. "Music listening as a means for stress regulation during the COVID-19 pandemic: a large binational ecological momentary assessment study"

4. *36. Jahrestagung der Deutschen Gesellschaft für Musikpsychologie e.V. (DGM), September, 3-6, 2020.* Feneberg, A., Forbes, P., Pronizius, E., Stijovic, A., Silani, G., **Lamm, C.**, Nater, U. „Quarantunes: Vorläufige Ergebnisse einer Ecological Momentary Assessment-Studie zu den Effekten des Musikhörens auf Stresserleben und Stimmung während der COVID-19-Krise"
5. *European Student Conference on Behaviour & Cognition, Padua, Italy, September 4-7, 2019:* Karl, S., Boch, M., **Lamm, C.**, Huber, L. Who do you prefer? Investigating the human-dog attachment system in pet dogs.
6. *American College of Neuropsychopharmacology (ACNP) Congress, Hollywood, Florida, USA, December 9-13, 2018:* Kraus, C., Seiger, R., Pfabigan, D.M., Sladky, R., Gryglewski, G., Vanicek, T., Auer, S., Tik, M., Komorowski, A., Paul, K., Woletz, M., Kasper, S., **Lamm, C.**, Windischberger, C., Lanzenberger, R. Hippocampal subfields in acute and remitted depression – a longitudinal 7T MRI Study.
7. *II International Conference on Animal Training, Warsaw, Poland, November 16-18:* Karl, S., Boch, M., **Lamm, C.**, Huber, L. Don't move! Training pet dogs to use functional magnetic resonance imaging (fMRI).
8. *Workshop "From Self-knowledge to knowing others", Brussels, Belgium, 16th November 2018:* Boch, M., Karl, S., Wagner, I., Huber, L., **Lamm, C.** A rewarding human smile. An fMRI study investigating canine emotion perception.
9. *26th Annual Italian Society of Psychophysiology and Cognitive Neuroscience (SIPF) Conference, Turin, Italy, November 15-17, 2018:* Morese, R., Silani, G., **Lamm, C.**, Consuelo Valentini, M., Bosco, F. The effect of social support on social pain: an fMRI study.
10. *4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Leiden, Netherland, July 19-22, 2018:* Zhao, Y., Rütgen, M., **Lamm, C.** The role of the endogenous opioid system in emotion identification.
11. *6th Canine Science Forum 2018, Budapest, Hungary, July 3-6, 2018:* Boch, M., Karl, S., Wagner, I., Huber, L., **Lamm, C.** A rewarding human smile. An fMRI study investigating canine emotion perception.
12. *6th Canine Science Forum 2018, Budapest, Hungary, July 3-6, 2018:* Karl, S., Boch, M., **Lamm, C.**, Huber, L. Don't move! Training pet dogs to use functional magnetic resonance imaging (fMRI).
13. *8th Symposium on Biology of Decision Making (SBDM 2018), Paris, France, May 21-23, 2018:* Majdandžić, J., Riećansky, I., Zrunek, K. & **Lamm, C.** Social conformity in destructive behaviour towards strangers: Measurement and modulation by interpersonal similarity.
14. *Social brain symposium 2018, Vienna, Austria, May 8-9, 2018:* Boch, M., Karl, S., Wagner, I., Huber, L. & **Lamm, C.** Dynamics vs. static emotion expressions: the same, but different?
15. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017:* Gangl, K., Pfabigan, D., **Lamm, C.**, Kirchler, E., & Hofmann, E. Tax decisions are more conflicting under legitimate than coercive tax authority – an ERP study.
16. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017:* Rütgen, M., Seidel, E. M., Pletti, C., Riećansky, I., Gartus, A., Eisenegger, C., **Lamm, C.** Pharmacology-EEG reveals new insights about shared neural representations of first-hand pain and empathy for pain.
17. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017:* Riećansky, I., Kuntscher, A., **Lamm, C.** Event-related potentials reveal impaired pain empathy processing in autistic individuals.

18. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017*: Wucherer, A., Pfabigan, D., Riecanaky, I., **Lamm, C.** Being imitated enhances empathic responses to another person's pain in individuals with high callous traits.
19. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017*: Wagner, I., Rütgen, M., **Lamm, C.** Placebo analgesia changes the multivoxel representations that underlie pain and pain empathy.
20. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017*: Rosenberger, L., Pfabigan, D., Keckeis, K., Seidel, E., Eisenegger, C., & **Lamm, C.** Normative behavior during repeated trust interactions and its association with psychopathic traits in an incarcerated and a community sample.
21. *57th Annual Society for Psychophysiological Research Meeting, Vienna, Austria, October 11-15, 2017*: Pfabigan, D., Wucherer, A., & **Lamm, C.** Believing in control over one's life yields enhanced feedback saliency signals in a social comparison context.
22. *Workshop "Comparative Affective Science: The Intersection of Biology and Psychology", Leiden, the Netherlands, July 24-28, 2017*: Adriaense, J., Martin, J., **Lamm, C.** & Bugnyar, T. Emotional contagion in common ravens: pessimism bias in cognitive performance.
23. *Society for Interdisciplinary Placebo Studies (SIPS), Leiden, the Netherlands, April, 2-4, 2017*: Adriaense, J., Rütgen, M. & **Lamm, C.** Placebo empathy analgesia: an indirect effect of trial design?
24. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: Adriaense, J., Rütgen, M. & **Lamm, C.** Placebo empathy analgesia: an indirect effect of trial design?
25. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: Geissberger, N., Klöbl, M., Kraus, C., **Lamm, C.**, Lanzenberger, R., Pletti, C., ... Woletz, M. Antidepressant therapy reduces personal distress to others' pain in patients with major depressive disorder.
26. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: Hummer, A., **Lamm, C.**, Petrovic, P., Riecanaky, I., Rütgen, M., Seidel, E. M., Silani, G., & Windischberger, C. Multimethod Evidence for Shared Representations between First-hand and Vicarious Experience of Pain.
27. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: **Lamm, C.**, Pfabigan, D., Riecanaky, I., & Wucherer, A. M. Neural temporal dynamics of the influence of 'being imitated' on empathy for pain.
28. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: Chiesa, P. A., **Lamm, C.**, Riva, F., Silani, G. & Tschernegg, M. Age-related changes in the neural correlates of empathy for pleasant and unpleasant touch.
29. *International Convention on Psychological Science, Vienna, Austria, March 23-25, 2017*: Bukowski, H., **Lamm, C.**, & Silani, G. How Attachment and Similarity Mindsets Affect Empathy when Self-Other Distinction Is Required?
30. *6th Vienna Neuroscience Network Meeting & Vienna Doctoral School of Cognition, Behaviour and Neuroscience (CoBeNe) Kick-Off, Vienna, Austria, October 11, 2016*: Rütgen, M., Seidel, E.-M., Silani, G., Riecanaky, I., Hummer, A., Windischberger, C., ... **Lamm, C.** Multimethod evidence for shared representations between first-hand and vicarious experience of pain.
31. *3rd international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, June 23-26, 2016*: Bukowski, H., Silani,

- G., Riva, F., Tomova, L., **Lamm, C.** Measuring self-other sharing and self-other distinction as distinct dimensions of empathy.
32. *3rd international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, June 23-26, 2016*: Pfabigan, D.M., Gittenberger, M., **Lamm C.** Is Social Feedback Special? neuronal correlates of social and non-social feedback stimuli.
 33. *3rd international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN), Porto, Portugal, June 23-26, 2016*: Majdandžić, J., Rauchbauer, B., Gerger, G., Maksimova, M., Chromec, J., Huber-Huber, C., **Lamm, C.** How Imitation Affects Empathy and Prosocial Behavior: The Role of Movement Congruency and Temporal Contingency.
 34. *CBSHS/CoED Research Forum, Clemson University, Clemson, SC, USA, April 20, 2016*: Szubski, E. C., Roberson, T. A., Old, A. L., Jellen, J. C., **Lamm, C.**, & Pilcher, J. J. Culture sleep habits: A comparison of Austria and America.
 35. *62nd Annual Meeting of the Southeastern Psychological Association, New Orleans, USA, March 30 – April 2, 2016*: Szubski, E. C., Rummel, E. G., Roberson, T. A., Jellen, J. C., **Lamm, C.**, & Pilcher, J. J. Differences in sleep consistency and sleep habits across American and Austrian cultures.
 36. *37th Annual Cognitive Science Society, Pasadena, California, USA, July 23-25, 2015*: Stepniczka, I., Tomova, L., Niedermeier, D., Peschl, F.-M., **Lamm, C.** Social Situation Awareness: Empathic Accuracy in the Aircraft Cockpit.
 37. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Goerlich-Dobre, K.S., Habel, U., Pripfl, J., **Lamm, C.**, Votinov, M. The left amygdala: A shared substrate of the cognitive alexithymia and empathy dimensions.
 38. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Goerlich-Dobre, K.S., Votinov, M., Habel, U., Pripfl, J., **Lamm, C.**, Neuroanatomical profiles of alexithymia dimensions and subtypes.
 39. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Sladky, R., Stepniczka, I., Tik, M., **Lamm, C.**, Hoffmann, A., Niedermeier, D., Field, J., Windischberger, C. Neurobiological differences in mental rotation & instrument interpretation in airline pilots
 40. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Stepniczka, I., Sladky, R., Tik, M., **Lamm, C.**, Hoffmann, A., Niedermeier, D., Field, J., Windischberger, C. Brain mapping in aircraft pilots in-flight: Monitoring and anticipation in challenging situations.
 41. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Sladky, R., Stepniczka, I., Tik, M., **Lamm, C.**, Hoffmann, A., Buch, J.P., Niedermeier, D., Field, J., Windischberger, C. Manual control vs. automation monitoring in-flight decision making in airline pilots.
 42. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Sladky, R., Hahn, A., Stürkat, I.-L., Hoffmann, A., Kranz, G., Tik, M., Seiger, R., Pfabigan, D., **Lamm, C.**, Lanzenberger, R., Windischberger, C. Modeling effective connectivity in the extended emotion processing network using DCM at 7T.
 43. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Navarro de Lara, L., Tik, M., Woletz, M., Bukowski, H., Stuerkat, I.-L., **Lamm, C.**, Moser, E., Windischberger, C. Boosting the sensitivity of concurrent TMS/fMRI in motor cortex using a dedicated MR coil array.

44. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Tik, M., Sladky, R., Hoffmann, A., Tomova, L., Hummer, A., Navarro De Lara, L., Pripfl, J., **Lamm, C.**, Windischberger, C. 10Hz rTMS over the left DLPFC specifically modulates ACC connectivity within IC network 17.
45. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Pfabigan, D., Holzner, M.-T., **Lamm, C.** ERN component is more negative for in-group than out-group errors after a minimal group manipulation.
46. *21st Annual Meeting of the Organization for Human Brain Mapping, Honolulu, Hawaii, USA, June 14-18, 2015*: Seidel, E.-M., Ruetgen, M., Hummer, A., Windischberger, C., Silani, G., **Lamm, C.** Functional similarity – Pain and empathy for pain are modulated by placebo analgesia.
47. *27th Annual Association of Psychological Science Convention, New York City, NY, USA, May 2015*: Donnelly, J., Pilcher, J. J., Munc, A. H., Jellen, J. C., & **Lamm, C.** An IRT Investigation of the Epworth Sleepiness Scale.
48. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: König, D., Hold, B.-S., Pfabigan, A. M., **Lamm, C.** Pain or no pain, that's the emotional question. Emotion regulation during pain anticipation and painful stimulation in migraineurs and controls (Winner of the Best Poster Prize).
49. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: Rauchbauer, B., Majdandžic, J., Hummer, A., Windischberger, C., **Lamm, C.** Effects of social group membership and affiliative signals on automatic inhibition.
50. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: Seidel, E.-M., Rütgen, M., Hummer, A., Windischberger, C., Silani, G., **Lamm, C.** The specificity of placebo effects in somatosensation – An fMRI study.
51. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: Pfabigan, D. M., Seidel, E. -M., Paul, K., Grahl, A., Sailer, U., Lanzenberger, R., Windischberger, C., **Lamm, C.** Zero or nothing? Context-sensitivity of the FRN for zero-value feedback outcomes
52. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: Rütgen (Abrahamczik), M., Seidel, E.-M., Riečanský, I., **Lamm, C.** Shared representations of pain and empathy for pain- Evidence from event-related potentials.
53. *Annual Young Scientists Poster Presentation, Faculty of Psychology, University of Vienna, Vienna, Austria, June 24, 2014*: Tomova, L., von Dawans, B., Heinrichs, M., Silani, G., **Lamm, C.** Is stress making us more egocentric? Evidence for gender differences in stress-induced egocentricity on different processing levels.
54. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Rauchbauer, B., Majdandžic, J., Hummer, A., Windischberger, C., **Lamm, C.** Effects of social group membership and affiliative signals on automatic inhibition.
55. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Rütgen (Abrahamczik), M., Seidel, E.-M., Riečanský, I., **Lamm, C.** Shared representations of pain and empathy for pain- Evidence from event-related potentials.
56. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Brázdil, M., Riečanský, I., Roman, R.,

- Chládek, J., Mareček, R., Shaw, D. J., **Lamm, C.** The contribution of intracranial EEG to research on the empathy for pain.
57. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Pripfl, J., Tomova, L., Sladky, R., Windischberger, C., Lanzenberger, R., **Lamm, C.** Modulation of nicotine craving by transcranial magnetic stimulation: behavioral and neuronal effects.
58. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Pfabigan, D. M., Seidel, E. -M., Paul, K., Grahl, A., Sailer, U., Lanzenberger, R., Windischberger, C., **Lamm, C.** Zero or nothing? Context-sensitivity of the FRN for zero-value feedback outcomes
59. *20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Hamburg, Germany, June 8-12, 2014*: Seidel, E.-M., Abrahamczik, M., Hummer, A., Windischberger, C., Silani, G., **Lamm, C.** The specificity of placebo effects in somatosensation – An fMRI study.
60. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie")*, Vienna, Austria, April, 24 – 26, 2014: Pripfl, J., **Lamm, C.** Lateralization of prefrontal cortex function in risky decision making
61. *11th Conference of the Austrian Society for Psychology ("Österreichische Gesellschaft für Psychologie")*, Vienna, Austria, April, 24 – 26, 2014: Rauchbauer, B., Majdandzic, J., Stieger, S., **Lamm, C.** The effects of emotional in- and outgroup context on imitation.
62. *Clemson University 9th Annual Focus on Creative Inquiry Symposium*, Clemson, SC, USA, April 3, 2014: Walker, J. H., Rummel, E. G., Williams, J. R., Morris, D. M., Jellen, J. C., **Lamm, C.**, & Pilcher, J. J. Americans vs. Europeans: Who Has Better Sleep Quality?
63. *Clemson University 9th Annual Focus on Creative Inquiry Symposium*, Clemson, SC, USA, April 3, 2014: Feigl, H. B., Howard, E. E., Henderson, E. A., Ferguson, E. M., Morris, D. M., Jellen, J. C., **Lamm, C.**, & Pilcher, J. J. Sleep Habits around the World.
64. *57th Congress of European College of Neuropsychopharmacology (ECNP)*, Berlin, Germany, October 18-21, 2014: Kraus, C., Hahn, A., Pfabigan, D.M., Küblböck, M., Seidel, E.M., Sladky, R., Kasper, S., Windischberger, C., **Lamm, C.**, Lanzenberger, R.: Gray matter changes associated with factors of alexithymia in healthy young adults.
65. *Annual Meeting of the Society for Neuroeconomics*, Lausanne, Switzerland, September 27-29, 2013: Tomova, L., von Dawans, B., Heinrichs, M., Silani, G., **Lamm, C.** Is stress making us more egocentric? Evidence for gender differences in stress-induced egocentricity on different processing levels.
66. *Annual Meeting of the Society for Neuroeconomics*, Lausanne, Switzerland, September 27-29, 2013: Pripfl, J., & **Lamm, C.** Controlling emotions in risky decision making: Involvement of the right but not the left dorsolateral prefrontal cortex.
67. *53rd Annual Meeting of the Society for Psychophysiological Research (SPR)*, Florence, Italy, October 2-6, 2013: Pfabigan, D.M., Pripfl, J., Kroll, S.L., Sailer, U., & **Lamm, C.** The opioid peptide dynorphin modulates error-related brain responses.
68. *53rd Annual Meeting of the Society for Psychophysiological Research (SPR)*, Florence, Italy, October 2-6, 2013: Pripfl, J., Tomova, L., Riečanský, I., & **Lamm, C.** Using TMS to treat smoking addiction: Behavioral and neural effects.

69. *53rd Annual Meeting of the Society for Psychophysiological Research (SPR)*, Florence, Italy, October 2-6, 2013: Tomova, L., Riečanský, I., Stanislav, K., Bauer, H., Fischmeister, F., & **Lamm, C.** No contribution of short-term memory retention to mental rotation-related ERP negativity.
70. *55th Conference of Experimental Psychologists ("TeaP – Tagung experimentell arbeitender Psychologen")*, Vienna, Austria, March 24-27, 2013: Pintzinger, N.M., Pfabigan, D.M., Gadek, N., Kryspin-Exner, I., & **Lamm, C.** Psychopathic personality traits and emotional processing – evidence for biased early attentional processes.
71. *Proceedings of the 16th World Congress of Psychophysiology of the International Organization of Psychophysiology (IOP)*, Pisa, Italy, September 13-17, 2012: Riečanský, I., Tomova, L., Bauer, H., Fischmeister, F., & **Lamm, C.** Contribution of short-term memory retention to rotation-related ERP negativity.
72. *Proceedings of the 16th World Congress of Psychophysiology of the International Organization of Psychophysiology (IOP)*, Pisa, Italy, September 13-17, 2012: Haller, B., Riečanský, I., & **Lamm, C.** The effect of low-frequency repetitive transcranial magnetic stimulation on visual pattern perception.
73. *18th Annual Meeting of the Organization for Human Brain Mapping (OHBM)*, Beijing, China, June 10-14, 2012: Pripfl, J., Votinov, M., Markey, P., Link, E. M., Windischberger, C., Moser, E., Sailer, U., & **Lamm, C.** The neural underpinnings of gambling near misses.
74. *18th Annual Meeting of the Organization for Human Brain Mapping (OHBM)*, Beijing, China, June 10-14, 2012: Votinov, M., Pripfl, J., Link, E.M., Markey, P., Windischberger, C., Moser, E., Sailer, U., & **Lamm, C.** An fMRI study of self-other comparison during competition.
75. *18th Annual Meeting of the Organization for Human Brain Mapping (OHBM)*, Beijing, China, June 10-14, 2012: Majdandžić, J., Votinov, M., Decety, J., & **Lamm, C.** Sad about you: Mood effects on empathy.
76. *18th Annual Meeting of the Organization for Human Brain Mapping (OHBM)*, Beijing, China, June 10-14, 2012: Pfabigan, D.M., Pintzinger, N.M., Siedek, D.R., **Lamm, C.**, Derntl, B., & Sailer, U. ERP correlates of performance monitoring in learned helplessness.
77. *10th Scientific Meeting of the Austrian Psychology Association*, Graz, Austria, April 12-14, 2012: Lawatsch, I., **Lamm, C.**, & Koller, I. Faktorenstruktur der deutschen Version des Batson-Index zur Erfassung emotionaler empathischer Reaktion.
78. *Alpine Brain Imaging Meeting*, Champéry, Switzerland, January 08-12, 2012: Klimecki, O., Leiberg, S., **Lamm, C.**, & Singer, T. Neural and Behavioral Changes related to Compassion Training.
79. *17th Annual Meeting of the Organization of Human Brain Mapping*, Quebec City, Canada, June 26-30, 2011: Majdandžić, J., Windischberger, C., Langer, C., Moser, E., Bauer, H. & **Lamm, C.** Humanized perception of potential victims in moral dilemmas recruits empathy-related brain areas.
80. *The Social Brain Workshop*, Cambridge, UK, April 12-13, 2011: Klimecki, O., Leiberg, S., **Lamm, C.**, & Singer, T. Neural and behavioral changes related to compassion training.
81. *16th Annual Meeting of the Organization for Human Brain Mapping*, Barcelona, Spain, June 6-10, 2010: **Lamm, C.**, Decety, J., & Singer, T. Neural circuits involved in the direct experience of pain and empathy for pain: a meta-analysis.
82. *16th Annual Meeting of the Organization for Human Brain Mapping*, Barcelona, Spain, June 6-10, 2010: Silani, G.*, **Lamm, C.***, Snozzi, R., Ruff, C., & Singer, T.

- Right TPJ plays a causal role in distinguishing between the emotions of self and others.
83. *2010 Annual Meeting of the Cognitive Neuroscience Society, Montreal, Canada, April 17-20, 2010*: Perry, A., Bentin, S., Ben-Ami Bartal, I., **Lamm, C.**, & Decety, J. Feeling the pain of those who are different from us: An EEG/ERP study.
 84. *2008 Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA, April 12-15, 2008*: **Lamm, C.**, & Decety, J. How do we empathize with someone who is not like us? An fMRI study on perspective-taking and empathy for pain.
 85. *13th Annual Meeting of the Organization for Human Brain Mapping, Chicago, IL, USA, June 10-14, 2007*: **Lamm, C.**, & Decety, J. The perception-action account of empathy – revisited: the contribution of shared experience to neural processing during the perception of pain in others.
 86. [cont.] **Lamm, C.**, Nusbaum, H.C., & Decety, J. What are you feeling? The effects of context information on somatosensory and affective representations during empathy for pain.
 87. [cont.] Decety, J., & **Lamm, C.** The role of the right temporo-parietal junction in social interaction: how low-level computational processes contribute to social cognition.
 88. *2006 Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA, USA, April 8-11, 2006*: **Lamm, C.**, Batson, C.D., & Decety, J. The neural bases of human empathy – the impact of self-other differentiation and emotion reappraisal.
 89. *8th Meeting of the Austrian Neuroscience Association, Vienna, Austria, July 3-5, 2003*: Pripfl, J., Fischmeister, F.Ph.S, **Lamm, C.**, Leodolter, U., & Bauer, H. Functional Neuroanatomy of Learned Helplessness.
 90. *8th Annual Meeting of the Organization of Human Brain Mapping, Sendai, Japan, June 2-6, 2002*: Windischberger, C., **Lamm, C.**, Bauer, H., & Moser, E. Assessing the Temporal Characteristics of Brain Activation in Event-Related fMRI.
 91. *8th Annual Meeting of the Organization of Human Brain Mapping, Sendai, Japan, June 2-6, 2002*: **Lamm, C.**, Windischberger, C., Leodolter, U., Moser, E. & Bauer, H. Functional relevance of lateral premotor areas in mental rotation of 2D visuo-spatial objects.
 92. *7th Annual Meeting of the Organization of Human Brain Mapping, Brighton, UK, June 10-15, 2001*: **Lamm, C.**, Bauer, H., & Prainsack, C. Topography of slow cortical potentials during loss of control.
 93. [cont.] **Lamm, C.**, Bauer, H., & Schindler, E. Slow Cortical Potentials indicate the use of verbalization and reasoning strategies in a test aiming to assess visuo-spatial ability.
 94. [cont.] Waldmüller, J., Bauer, H., & **Lamm, C.**, Leodolter, U. The cortical processing of emotional visual stimuli-a DC -EEG analysis with non-cephalic references.
 95. [cont.] Windischberger, W., **Lamm, C.**, Bauer, H., & Moser, E. Human motor cortex activity in mental rotation-fMRI analysed by Fuzzy Cluster analysis.
 96. *6th Annual Meeting of the Organization of Human Brain Mapping, San Antonio, TX, USA, June 10-16, 2000*: Bauer, H., **Lamm, C.**, Holzreiter, S., Holländer, I., Leodolter, U., & Leodolter, M. Measurement of 3D electrode coordinates by means of a 3D photogrammetric head digitizer.
 97. [cont.] **Lamm, C.**, Bauer, H., Leodolter, U., Holländer, I., & Holzreiter, S. Accuracy of analytical and spherical interpolation algorithms for event related potential mapping.

98. [cont.] **Lamm, C.**, Windischberger, C., Moser, E., Leodolter, U., & Bauer, H. The role of motor and premotor areas in mental rotation: combined evidence from slow cortical potential and fMRI coregistration.
99. [cont.] Windischberger, W., **Lamm, C.**, Bauer, H., & Moser, E. Whole-Cortex fMRI with Single-Trial Analysis of a Mental Rotation Paradigm at 3 Tesla.
100. *8th Scientific Meeting and Exhibition, International Society for Magnetic Resonance Imaging, Denver, CO, USA, April 1-7, 2000*: **Lamm, C.**, Windischberger, C., Leodolter, U., Moser, E. & Bauer, H. High accuracy of matching spline-interpolated EEG- with MRI-derived head surfaces.
101. [cont.] Windischberger, C., **Lamm, C.**, Bauer, H., & Moser, E. Single-trial analysis and whole-brain coverage in functional MRI of a mental rotation paradigm.
102. *ASA-American Society of Anesthesiologists, 1999, Annual Meeting, Dallas, TX, USA, October 9 -13, 1999*: **Lamm, C.**, Oczenski, W., Stimpfl, T., Bauer, H., & Fitzgerald, R.D. DC auditory evoked potentials during rest, anesthesia, and emergence from anesthesia.
103. *4th Meeting of the subsection 'Methods in Psychology' of the German Society of Psychology, Leipzig, Germany, September 23-25, 1999*: **Lamm, C.**, & Vitouch, O. Bootstrap-Verfahren: Anwendungen in der Analyse von Multikanal EEG-Daten [Bootstrap method – applications in the analysis of multi-channel EEG data]
104. *16th Annual Meeting of the European Society for Magnetic Resonance in Medicine and Biology, Seville, Spain, September 16-19, 1999*: **Lamm, C.**, Windischberger, C., Leodolter, U., Doleisch, H., Moser, E. & Bauer, H. (1999). Coregistration of MR and EEG coordinate systems: Accuracy of matching spline-interpolated with MRI-derived head surfaces.
105. [cont.] Windischberger, C., **Lamm, C.**, Bauer, H., & Moser, E. Mental rotation using 3D-cubes studied by functional MRI.
106. *7th International Conference on Cognitive Neuroscience, Budapest, Hungary, June 27 - July 3, 1999*: **Lamm, C.**, Windischberger, C., Moser, E., & Bauer, H. Coregistration of slow potential topography and fMRI in a spatial task.
107. [cont.] Bauer, H., Holländer, I., Leodolter, M., Leodolter, U. & **Lamm, C.** Accuracy of different interpolation algorithms for slow brain potential mapping.
108. *9th World Congress of Psychophysiology (IOP), Taormina, Italy, September 14 – 19, 1998*: **Lamm, C.**, Bauer, H., Vitouch, O., Gstättnner, R., Durec, S., & Gronister, R. Slow potential topographic activities with spatial cognition under speed and power conditions.
109. [cont.] **Lamm, C.**, Bauer, H., Leithner, D., Kastner-Koller, U., & Leodolter, M. Slow potential topographic activities accompanying reading aloud in adult dyslexic and control subjects.
110. [cont.] Bauer, H., **Lamm, C.**, Adelbauer, G., Leodolter, M., Leodolter, U., & Guttmann, G. Slow potential topographic activities with stereoscopic versus monoscopic stimulus presentation.
111. [cont.] Fitzgerald, R.D., **Lamm, C.**, Leodolter, M., Bauer, H., & Guttmann, G. Sensory evoked DC-potential changes accompanying anesthesia.
112. [cont.] Holzreiter, St., Holländer, I., Bauer, H., Leodolter, M., & **Lamm, C.** Inter-subject variability of 3D electrode coordinates assessed by means of a photogrammetric 3D head digitizer.
113. [cont.] Vitouch, O., **Lamm, C.**, Bauer, H. & Vanecek, E. Functional mapping in time and space: A SPT investigation of piano playing.

114. *41st Congress of the German Society of Psychology, Dresden, Germany, September 27 - October 1, 1998*: Vitouch, O., Bauer, H., **Lamm, C.**, Vanecek, E., & Leodolter, M. Melodische und motorische Abläufe bei Pianisten. Analyse kognitiver Subprozesse mit non-invasivem Brain Imaging. [Melodic and motor components in pianists – analysis of cognitive sub-processes using non-invasive brain imaging]
115. *8th World Congress of the International Society for Brain Electromagnetic Topography, Zurich, Switzerland, March 4 - 7, 1997*: **Lamm, C.**, Bauer, H., Vitouch, O., Leodolter, M., & Leodolter, U. Changes of slow potential topography following training of spatial cognition.
116. *3rd Meeting of the Austrian Psychology Association, Salzburg, Austria, December 5-6, 1997*: **Lamm, C.**, Klauda, E., Bauer, H., Vitouch, O., & Leodolter, M. Kortikale Korrelate unterschiedlicher Lösungsstrategien bei visuell und akustisch dargebotenen Vorstellungsaufgaben. [Cortical correlates of differing processing strategies during solving of visually and acoustically presented imagery tasks]
117. *5th Annual Meeting of the Austrian Neuroscience Association, Pernegg/Geras, Austria, April 24-26, 1997*: **Lamm, C.**, Bauer, H., Vitouch, O., Leodolter, M., & Leodolter, U. Changes of slow potential topography following training of spatial cognition.

Third mission and dissemination activities

Continuous engagement (talks, workshops, seminars) with the general public and in tailored knowledge transfer to target groups such as psychotherapists, social workers, clinical psychologists, and policy makers

1. Blogpost "Powerful Myths: Common Misconceptions About Statistical Power", Association for Psychological Science, January 28th, 2025
<https://www.psychologicalscience.org/publications/observer/powerful-myths-statistical-power.html>
2. *Science Communication TV feature, Das Wunder Du, On Brain and Thinking, broadcasted on public Austrian and German TV ORF1 and ZDF,*
<https://on.orf.at/video/14257021/das-wunder-du-denk-mal-nach>
3. *Blog post – „Emotion – ein extrem vielschichtiges Erlebnis“: Ein Blick in die Psychobiologie*, Universität Wien, Institut für klassische Archäologie, November 2024
4. *Wiener Vorlesungen (flagship science public outreach and science communication lecture series by the City of Vienna, upon invitation), Verstehen wir uns? Die Rolle der Empathie für Mensch, Tier und Maschine,*
<https://youtu.be/bGQju0UfE6Y> June 24, 2024
5. *Strategiedialog der Stadt Wien [Strategy dialogue of the City of Vienna; event with top level executives from the City of Vienna], Vortrag: Raus aus der Negativspirale - Perspektiven aus der Gehirnforschung [translation of insights from brain research to foster resilience in the working context in times of multiple major crises],* October 17, 2022
6. *Vienna Children's University - workshop for children aged 7-9 years, aimed at teaching them more about the brain, empathy and perspective-taking,* July 18, 2022
7. *Co-author of an article – Lamm, C., & Hartmann, H., (2022). "Was bewirkt Empathie im Gehirn?" Gehirn & Geist, July 05, 2022.*

8. *Co-author of an expert opinion paper about the psychological effects of Covid-19 – "An International Investigation of the Psychology of COVID-19"*
9. *Science communication article – Lamm, C., Rütgen, M., Hartmann H., (2021). „Dein Leid ist mein Leid? Wie wir die Emotionen anderer Personen nachempfinden". Das In-Mind Magazin, 4.*
10. *Blog post – "In amygdala we trust", Behavioral and Social Sciences, November 25, 2021*
11. *Vienna Children's University - workshop for children aged 7-9 years, aimed at teaching them more about the brain, empathy and perspective-taking, July 12, 2021*
12. *Poesis – Get Transformation Done, lecture and panel discussion on Understanding the Other – Neuronal and Cognitive Explanations, June 11, 2021*
13. *uniMind - University Meets Industry, lecture on cooperation in humans, May 3, 2021*
14. *Vienna Children's University – workshop for children aged 7-9 years, aimed at teaching them more about the brain empathy and perspective-taking, August 30, 2020*
15. *Co-author of an expert opinion paper on how to build and maintain trust as well as compliance in Covid-19 counter-measures such as monitoring, mass testing, and vaccination.*
16. *Since 03/2020: Member of the "Covid-19 Future Operations Plattform" (<https://futureoperations.at/>), an independent consultancy expert board providing consulting and expert knowledge to the Austrian public authorities*
17. *Presentation and discussion, "Effects of Covid-19 lockdown on stress and fatigue: resilience and vulnerability factors", Covid-19 Future Operations Clearing Board of the Federal Chancellery of the Austrian Government, Vienna, Austria, July 23, 2020*
18. *Discussion of "Effects of the Covid-19 crisis on people and society" (from the perspectives of jurisdiction, psychology and behavioral sciences) with members of the parliament, including press conference reporting on the findings in forum "Science and Politics in Dialogue" (jointly organised by the President of the Austrian Parliament and the President of the Austrian Academy of Sciences), Palais Epstein, Vienna, Austria, June 16, 2020. **Lamm, C.** Participation as table chair and scientific representative (together with Prof. Magdalena Pöschl).*
19. *Filmpräsentation "Ist Veganismus eine Zivilisationskrankheit?" ["Is Veganism a civilization disease?"], Filmhaus am Spittelberg, Vienna, Austria, March 27, 2019. **Lamm, C.** Mit abschließender Podiumsdiskussion „Wenn man von etwas überzeugt ist, will man andere auch davon überzeugen" [with a final podium discussion „When someone is convinced of something, he wants to convince others as well."]*
20. *Charity event "Abend der Menschlichkeit – Menschen für Menschen" ["Evening of Humanity – from humans for humans"] about help for self-help in Ethiopia, Museum of Natural History, Vienna, Austria, November 5, 2018. **Lamm, C.** Podium member and Interview partner on empathy and humanity.*
21. *Fireside discussion on pathological gambling, at the Austrian Academy of Sciences in cooperation with Aquinas Association - consulting for responsible and ethical finance, Vienna, Austria, October 17, 2018: Glatz-Kremsner, B. & **Lamm, C.** Verloren in digitalen Welten – Spielsucht als gesellschaftliche Herausforderung. [Lost in virtual worlds – pathological gambling as a societal challenge.]*

22. *Symposium "5. Biologicum Almtal 2018: Dazugehören – Fremd sein", Grünau im Almtal, Austria, October 4-6, 2018.* **Lamm, C.** Gehirnmechanismen von Empathie und Ausgrenzung. [Neural mechanisms of empathy and exclusion.]
23. *1st Neuroscience Meetup, Firestarter. The Space, Vienna, Austria, June 26, 2018:* **Lamm, C.** Talk and discussion on "Empathy".
24. *Panel discussion, University of Vienna, Austria, January 16, 2017:* Wahlster, W., Pfadenhauer, M., **Lamm, C.**, Mara, M., & Albertini, D. [Künstliche Intelligenz im Alltag: Besser als der Mensch?](#) [Artificial intelligence in everyday life: better than humans?]
25. *Collaboration with Zoom children's museum, Vienna, Austria, September 2016:* **Lamm, C.** consulting for hands on exhibition "Hear hear! Look look!" on visual and auditory perception.
26. *Panel discussion, Palais Palffy, Vienna, Austria, June 16, 2016:* Millner, R., **Lamm, C.**, Mannino, A. Effektiver Altruismus – Mit Wissenschaft und Spenden die Welt verbessern? [Effective altruism – improving the world with science and donations?]
27. *IFF Organisationsentwicklung und Systemsteuerung, November 26, 2015:* **Lamm, C.** Die Rolle der Empathie für psychologische Beratung und Coaching - ein neurowissenschaftlicher Blickwinkel.
28. *Wiener Volkshochschule „Science Talks“, Vienna Mai 18 2015:* **Lamm, C.** Talk and discussion on "Neural bases of empathy and prosocial behavior".
29. *Katholischer AkademikerInnenverband der Erzdiözese Wien, Vienna Mai 4 2015:* **Lamm, C.** Talk and discussion on „Empathy and its link to morality and altruism“.
30. *Berufsverband Österreichischer Psychologen (Austrian Psychological Professionals Association), Sektion Klinische Psychologie, March 16 2015:* **Lamm, C.** Talk and discussion on „Neural bases of empathy and prosociality“
31. *Austrian magazine for foster parents "Pflegetamas & papas", April 2014:* **Lamm, C.** Ich fühle mit dir, fühlst du mit mir? [I feel with you, do you feel with me?]
32. *Panel discussion, VHS Wiener Urania, Vienna, Austria, May 25, 2013:* Becker, P., Griesebner, A., **Lamm, C.**, & Kreissl, R. Hirnforschung und Ideologie. [Brain research and ideology]
33. *Psychology Careers Unveiled. From the Lab to the Real World, Webster University Vienna, Vienna, Austria, April 26, 2013:* **Lamm, C.** Exploring the mysteries of the mind using brain research.
34. *Spendentag 2013, Fundraising Verband Austria & NPO-Kompetenzzentrum, Vienna, Austria, April 16, 2013:* **Lamm, C.** Warum Menschen teilen. [Why do people share?]
35. *Public lecture for the project "Civic Minds", Vienna, Austria, October 4, 2012:* **Lamm, C.** Von Empathie zu Altruismus: Ein interdisziplinärer Erkenntniszugang. [Empathy and altruism: An interdisciplinary approach]
36. *Symposion "Kindheit und Gesellschaft V" (Childhood and Society), Lustenau & Bregenz October 20-22, 2011:* **Lamm, C.** Lecture on "The role of empathy for prosocial behavior, cooperation, and competition – a neuroscientific perspective", and two-day workshop (together with Barbara Guwak and Jean-Luc Ciompi) on "Organizational development and neurosciences".
37. *Business talks, European Forum Alpbach, Alpbach, 2011:* **Lamm, C.** Participation as an expert for social interaction and decision making, in an online experiment on "public vs. private goods".

38. *Lunchtime Scientific Series, Technical University (TU), Vienna, Austria, 2011: Lamm, C.* The relevance of social neuroscience for human computer interaction.
39. *Symposium Bewusstsein, Steyr, Austria, 2011: Lamm, C.* Methoden der Human-Neurowissenschaften. [Methods of human neurosciences]
40. *Symposium Bewusstsein, Steyr, Austria, 2011: Lamm, C.* Neuronale Grundlagen menschlichen Sozialverhaltens. [Neuronal basics of human social behavior]
41. *Workshop Imaging in Life Sciences – A Vienna Perspective, University of Vienna, Austria, 2011: Lamm, C.* Multimodal Neuroimaging in Social and Clinical Neurosciences.
42. *Symposium on Altruism, Austrian Society for Ethics, Vienna, Austria, September 9, 2010: Lamm, C.* Zur Förderung von Altruismus und Mitgefühl – neurowissenschaftliche Erkenntnisse [Promoting altruism and compassion - a neural perspective]
43. *Brush up your tools, Meeting of the Austrian Association for Supervision, Salzburg, Austria, Mai 15, 2009: Lamm, C.* Ich fühle was, was du (nicht) fühlst – Empathie und Mitgefühl aus der Sicht der Neurowissenschaften. [I feel what you (do not) feel – empathy and compassion from a neuroscientific perspective]
44. *Neuroscience Week, Basel, Switzerland, March 16, 2009: Lamm, C.* Vom Verstehen des anderen: Beiträge der Gehirnforschung zu Empathie und menschlichem Sozialverhalten. [Understanding others – neuroscience contributions to empathy and human social behavior]
45. *Volkshochschule Vienna, Vienna, Austria, May 14, 2003, February 12, October 6 & 27, 2004: Lamm, C.* Drogen, Sucht und Gehirn [Drugs, addiction and the brain]

Media coverage

(selection)

Regular coverage of work in national and international media, particular “highlights” marked with ***

Interview with the Austrian National Television (ZIB13) on worldwide trust in scientists, with a specific focus on Austria

<https://on.orf.at/video/14260820/15806547/weltweiter-vergleich-oesterreicher-vertrauen-forschung-wenig-zib-1300-vom-26012025>

<https://science.orf.at/stories/3228519/>

Cologna, V., Mede, N. G., Berger, S., Besley, J., Brick, C., Joubert, M., Maibach, E. W., Mihelj, S., Oreskes, S., Schäfer, M. S., van der Linden, S., Aziz, N. I. A., Abdulsalam, S., Shamsi, N. A., Aczel, B., Adinugroho, I., Alabrese, E., Aldoh, A., Alfano, M., Mbulii, I., ... Lamm, C. (2025). Trust in scientists and their role in society across 68 countries. *Nature Human Behaviour*. doi.org/10.1038/s41562-024-02090-5

Interview with Austrian radio station Ö1 on anger and racism on the Placebo-Effect, December, 2024

<https://sound.orf.at/podcast/oe1/dimensionen/was-ist-dran-am-placeboeffekt>

TV-Interview on the power of social media, featured in Servus TV “Terra Mater” (Austrian private broadcaster), November 27, 2024

<https://www.servustv.com/wissen/v/aac7ejzj4wxb1cznm8nj/>

Selected media coverage on the paper Kutlikova, H. H., Zhang, L., Eisenegger, C., van Honk, J., & Lamm, C. (2023). Testosterone eliminates strategic prosocial

behavior through impacting choice consistency in healthy males.
Neuropsychopharmacology, 48(10), 1541-1550.

<https://doi.org/10.1038/s41386-023-01570-y>

<https://www.iflscience.com/rubbing-testosterone-gel-on-men-made-them-less-aware-of-being-watched-72715>

TV-Interview about the effect of human-dog interactions on the human brain, featured on ORF1 ZIB magazin (Austrian television), May 2024

<https://orf.at/av/video/tvthekVideoNews11036>

Selected media coverage on the paper 1. Lonardo, L., Völter, C. J., Hepach, R., **Lamm, C.**, & Huber, L. (2024). Do dogs preferentially encode the identity of the target object or the location of others' actions? *Animal Cognition*, 27(1), 28–28.

<https://doi.org/10.1007/s10071-024-01870-w>

<https://www.psytopost.org/how-do-dogs-anticipate-actions-scientists-find-notable-differences-from-primates/>

Selected media coverage on the paper Vlasceanu*, M., Doell*, K. C., Bak Coleman*, J. B., Todorova, B., Berkebile-Weinberg, M. M., Grayson, S. J., Patel, Y., Goldwert, D., Pei, Y., Chakroff, A., Pronizius, E., van den Broek, K. L., Vlasceanu, D., Constantino, S., Morais, M. J., Schumann, P., Rathje, S., Fang, K., Aglioti, S. M., ... **Lamm, C.**, Mikus, N., Nitschke, J. N., ... Van Bavel, J. J. (2024). Addressing climate change with behavioral science: A global intervention tournament in 63 countries. *Science Advances*, 10(6). <https://doi.org/10.1126/sciadv.adj5778>

[https://ca.news.yahoo.com/psychology-help-people-live-more-](https://ca.news.yahoo.com/psychology-help-people-live-more-124134202.html?guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAK6pxNnGc3Lbp5wim9o7IDGtLZVpfWsOHICQVx04gi-)

[124134202.html?guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAK6pxNnGc3Lbp5wim9o7IDGtLZVpfWsOHICQVx04gi-](https://ca.news.yahoo.com/psychology-help-people-live-more-124134202.html?guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2x1LmNvbS8&guce_referrer_sig=AQAAK6pxNnGc3Lbp5wim9o7IDGtLZVpfWsOHICQVx04gi-)

[ps4PQhclrfNNUO0GcSM22sgjeagXT3K1mIppqNZ4Rworz77d-](https://www.how-green-works.de/kommunikation/news/studie-zu-klima-kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-ueberzeugt-424)

[5QTDXuJr6VAnLGiQcgQUdHX_GoKaCuvun9R830c5hInIenv5JgNO4cG6BoBF_FLC7k_A8QK0pgxVaeQ2&guccounter=2](https://www.how-green-works.de/kommunikation/news/studie-zu-klima-kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-ueberzeugt-424)

[https://www.how-green-works.de/kommunikation/news/studie-zu-klima-](https://www.how-green-works.de/kommunikation/news/studie-zu-klima-kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-ueberzeugt-424)

[kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-](https://www.how-green-works.de/kommunikation/news/studie-zu-klima-kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-ueberzeugt-424)

[ueberzeugt-424](https://www.how-green-works.de/kommunikation/news/studie-zu-klima-kommunikation-wie-man-menschen-besonders-effektiv-von-klimaschutz-ueberzeugt-424)

<https://www.science.org/doi/10.1126/sciadv.adj5778>

[https://topos.orf.at/protestbewegungen-](https://topos.orf.at/protestbewegungen-wirkung100#15473,2299654,1710260859)

[wirkung100#15473,2299654,1710260859](https://topos.orf.at/protestbewegungen-wirkung100#15473,2299654,1710260859)

[https://www.mdr.de/wissen/So-erreichen-Klimabotschaften-die-Menschen-am-](https://www.mdr.de/wissen/So-erreichen-Klimabotschaften-die-Menschen-am-besten-100.html)

[besten-100.html](https://www.mdr.de/wissen/So-erreichen-Klimabotschaften-die-Menschen-am-besten-100.html)

[https://www.derstandard.at/story/3000000206696/wie-klimabotschaften-ihr-ziel-](https://www.derstandard.at/story/3000000206696/wie-klimabotschaften-ihr-ziel-am-effektivsten-erreichen)

[am-effektivsten-erreichen](https://www.derstandard.at/story/3000000206696/wie-klimabotschaften-ihr-ziel-am-effektivsten-erreichen)

Featured in newspaper article "Das Glück des Spendens" on self-interest in charitable donations in *Kurier* (Austrian newspaper), December 16, 2023

Selected media coverage on the paper Lengersdorff, L. L., Wagner, I. C., Mittmann, G., Sastre-Yagüe, D., Lüttig, A., Olsson, A., Petrovic, P., & **Lamm, C.** (2023). Neuroimaging and behavioral evidence that violent video games exert no negative effect on human empathy for pain and emotional reactivity to violence. *eLife*, 12.

<https://doi.org/10.7554/eLife.84951>

[https://de.in-mind.org/blog/post/grand-theft-empathy-der-einfluss-von-](https://de.in-mind.org/blog/post/grand-theft-empathy-der-einfluss-von-videospielgewalt-auf-die-menschliche-empathie?utm_source=rssfeed&utm_medium=rssfeed&utm_campaign=general)

[videospielgewalt-auf-die-menschliche-](https://de.in-mind.org/blog/post/grand-theft-empathy-der-einfluss-von-videospielgewalt-auf-die-menschliche-empathie?utm_source=rssfeed&utm_medium=rssfeed&utm_campaign=general)

[empathie?utm_source=rssfeed&utm_medium=rssfeed&utm_campaign=general](https://de.in-mind.org/blog/post/grand-theft-empathy-der-einfluss-von-videospielgewalt-auf-die-menschliche-empathie?utm_source=rssfeed&utm_medium=rssfeed&utm_campaign=general)

[https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[beliefs-about-negative-effects-of-violent-video-games-214826](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[https://science.orf.at/stories/3223134/](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[https://www.derstandard.at/story/3000000203329/kurzes-spielen-von-shootern-](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[hat-keine-nennenswerten-auswirkungen?ref=mastodon](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[https://www.sn.at/panorama/medien/kurzzeitige-videospiel-gewalt-151764355](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

[https://www.sn.at/panorama/medien/kurzzeitige-videospiel-gewalt-151764355](https://www.psytopost.org/2023/12/brain-imaging-study-challenges-long-held-beliefs-about-negative-effects-of-violent-video-games-214826)

<https://neurosciencenews.com/empathy-gaming-psychology-25471/>
<https://www.watson.ch/wissen/forschung/552039774-kurzzeitige-videospiel-gewalt-laesst-einen-laut-studie-nicht-abstumpfen>
<https://www.nau.ch/news/europa/videospiel-gewalt-studie-zeigt-kein-abstumpfendes-mitgefuehl-66687613>
<https://leadingbrainsreview.substack.com/p/research-hit-do-violent-video-games>
<https://www.derstandard.de/story/300000203783/the-last-of-us-2-remastered-warum-gewalt-in-spielen-ein-thema-sein-darf?ref=rss>
<https://www.ardaudiothek.de/episode/wissen-aktuell-swr2-impuls/machen-gewalthaltige-videospiele-weniger-empathisch/swr2/13101983/>

Award Receiving Speech at the Turin Academy of Science for the International Ferrari Soave Award, November 20, 2023

[Inaugurazione del 241° anno accademico dell'Accademia delle Scienze di Torino 2023-2024 - YouTube](#)

Featured in TV report "Was der Blick ins Gehirn von Hunden verrät" in WDR (German public broadcaster), October 5, 2023

<https://www.ardmediathek.de/video/quarks/was-der-blick-ins-gehirn-von-hunden-verraet/wdr/Y3JpZDovL3dkci5kZS9CZWl0cmFnLTlxNDMzOWVhLTI4MmQtNGRmMS1iYTA0LTk0NzYyZTJmODJkMg>

Selected media coverage on the paper Boch, M., Wagner, I.C., Karl, S., Huber, L., & **Lamm, C.** (2023). Functionally analogous body- and animacy-responsive areas are present in the dog (*Canis familiaris*) and human occipito-temporal lobe. *Communications Biology*, 6(645). <https://doi.org/10.1038/s42003-023-05014-7>
<https://science.orf.at/stories/3220011/>

Interview with Austrian radio station Ö1 on anger and racism, April, 2023

Featured in article "Im Labor der klugen Hunde", in P.M. magazine, Februar, 2023

Interview with Austrian National Radio on series "Ö1 Radiokolleg - Über Denken!" (Science education for the public)

Featured in article "Autismus und Psychopathie: Empathie-Defizite könnten Trugschluss sein" in Rudolphina magazine, February 17, 2023

Featured in article "Spieglein, Spieglein im Gehirn – Vor 30 Jahren wurden Spiegelneuronen entdeckt. Sie sollten das menschliche Sozialverhalten erklären. Was blieb davon?" in Falter (Austrian newspaper), November 16, 2022

Selected media coverage on the paper Hartmann, H., Forbes, P., Rütgen, M., & **Lamm, C.** (2022). Placebo analgesia reduces costly prosocial helping to lower another's pain. *Psychological Science*, 33(11), 1867-1881.
<https://doi.org/10.1177/09567976221119727>
<https://science.apa.at/power-search/15177755396097717519>
<https://science.apa.at/power-search/4261453041377019905>
<https://science.orf.at/stories/3215309/>
<https://www.oe24.at/buzz24/wer-weniger-schmerz-fuehlt-ist-auch-weniger-hilfsbereit/531525011>
<https://www.krone.at/2818601>
<https://www.derstandard.at/story/2000139490353/wer-mehr-schmerz-empfinden-kann-ist-hilfsbereiter>
<https://www.management-krankenhaus.de/news/wer-weniger-schmerz-fuehlt-ist-auch-weniger-hilfsbereit>
<https://www.mdr.de/wissen/mensch-alltag/menschen-weniger-schmerzen-weniger-hilfsbereit-100.html>
<https://studyfinds.org/feel-less-pain-help-others/>

Work on canine neuroimaging featured in full scale article in National Geographic "Mind of their own", National Geographic, September 15, 2022,

<https://www.nationalgeographic.com/magazine/article/what-are-animals-thinking-feature>

Featured in article „Empathie – Woher unser Wunsch nach Nähe kommt“ in Bürgermeister (Austrian newspaper), September, 2022,

<https://www.buergermeisterzeitung.at/ausgaben/bmz-2022-09>

Featured in TV documentation “Gut zu wissen/ Doku: Was macht Hass mit uns?” in Bayerisches Fernsehen (German regional broadcaster), July 09, 2022,

<https://www.br.de/mediathek/sendung/gut-zu-wissen-av:5a5392bfd92d10001c0270ea>

Selected media coverage on the paper Feneberg, A. C., Forbes, P. A. G., Piperno, G., Pronizius, E., Stijovic, A., Skoluda, N., **Lamm, C.**, Nater, U. M., & Silani, G. (2022). Diurnal dynamics of stress and mood during COVID-19 lockdown: a large multinational ecological momentary assessment study. *Proceedings of the Royal Society B: Biological Sciences*, 289(1975), 20212480.

<https://doi.org/10.1098/rspb.2021.2480>

<https://science.apa.at/power-search/13132997461696292015>

<https://oe1.orf.at/programm/20220525/679297/Lebensmittel-Fischhandel-Lockdown-Stress>

<https://orf.at/stories/3267772/>

<https://science.orf.at/stories/3213307/>

<https://www.puls24.at/corona/corona-erster-lockdown-setzte-jungen-und-aermeren-staerker-zu/265737>

<https://www.wienerzeitung.at/nachrichten/wissen/mensch/2148632-Erster-Corona-Lockdown-setzte-jungen-und-aermeren-Menschen-staerker-zu.html>

<https://www.vienna.at/wiener-forscher-analysierten-stresslevel-im-corona-lockdown/7450240>

https://www.myscience.at/news/2022/lockdown_alltag_junge_und_einsame_menschen_hatten_hoehere_stresswerte-2022-univie

Featured in newspaper interview on the dangers of TikTok and social media in Kronen Zeitung (Austrian newspaper), April 29, 2022

Featured in article “Warum verursacht der Placebo-Effekt so viele Impf-Nebenwirkungen, Herr Lamm?” in Falter (Austrian newspaper), January 27, 2022

Featured in TV interview „Neuropsychologe Lamm: "Wir sind darauf nicht vorbereitet"“ on OÖN-TV (Austrian television), December 01, 2021,

[Neuropsychologe Lamm: "Wir sind darauf nicht vorbereitet" - YouTube](#)

Featured in article, “Völlig abgehoben” in Salzburger Nachrichten, September 25, 2021,

https://psychologie.univie.ac.at/fileadmin/user_upload/f_psychologie/files/Lamm_SN_41-92115670.pdf

Selected media coverage on the paper Zhao, Y., Zhang, L., Rütgen, M., Sladky, R., & **Lamm, C.** (2021). Neural dynamics between anterior insular cortex and right supramarginal gyrus dissociate genuine affect sharing from perceptual saliency of pretended pain. *eLife*, e69994. <https://doi.org/10.7554/eLife.69994>

Featured in article “Wie das Gehirn echte und vorgetäuschte Schmerzen anderer unterscheidet”, in Kronen Zeitung, October 10, 2021

Featured in article “Wie wir echtes Leid von simuliertem Schmerz unterscheiden” in Der Standard, September 21, 2021,

<https://www.derstandard.at/story/2000129826278/wie-wir-echtes-leid-von-simuliertem-schmerz-unterscheiden>

Featured in article „Gehirn reagiert anders auf echte oder gespielte Schmerzen“, in Wiener Zeitung, September 21, 2021,

<https://www.wienerzeitung.at/nachrichten/wissen/mensch/2121392-Gehirn-reagiert-unterschiedlich-auf-echte-oder-gespielte-Schmerzen.html>

Featured in article „Wie das Gehirn echte und gespielte Schmerzen unterscheidet“, in science.orf.at, September 21, 2021, <https://science.orf.at/stories/3208810/>

Selected media coverage on the paper Lonardo, L., Völter, C. J., **Lamm, C.**, & Huber, L. (2021). Dogs follow human misleading suggestions more often when the informant has a false belief. *Proceedings of the Royal Society B*, 288(1955), 20210906. <https://doi.org/10.1098/rspb.2021.0906>

Featured in article "Der verständnisvollste Freund des Menschen" in Science ORF, July 21, 2021, <https://science.orf.at/stories/3207719/>

Featured in article "Gefoppte Hunde lassen sich nicht täuschen, bleiben aber höflich" in Kurier (Austrian newspaper), July 21, 2021, <https://kurier.at/wissen/wissenschaft/gefoppte-hunde-lassen-sich-nicht-taeuschen-bleiben-aber-hoeflich/401449438>

Featured in article "Dogs will ignore you if they know you are lying, unlike young children", in NewScientist July 20, 2021, <https://www.newscientist.com/article/2284611-dogs-will-ignore-you-if-they-know-you-are-lying-unlike-young-children/>

Featured in TV report "Eröffnung der Kinderuni" on the opening of the Vienna Children's University on ORF (Austrian public broadcaster), July 12, 2021 <https://tvthek.orf.at/profile/Wien-heute/70018/Wien-heute/14098821/Eroeffnung-der-Kinderuni/14959626>
<https://tvthek.orf.at/profile/Wien-heute-kompakt/13886831/Wien-heute-kompakt/14098581>

Featured in TV interview on "Fannys Friday - Wir vermissen das Feiern" on ORF (Austrian public broadcaster), April 30, 2021

Featured in article "Warum sind wir immer auf der Suche nach dem neuesten Tratsch?" on gossiping in Kurier Freizeit (Austrian Newspaper), April 06, 2021, <https://kurier.at/freizeit/fragen-der-freizeit/warum-sind-wir-immer-auf-der-suche-nach-dem-neuesten-tratsch/401335461>

Featured in article "Wenn wir interagieren, schwingen unsere Gehirne im Gleichtakt" in Neue Zürcher Zeitung (Swiss Newspaper), February 24, 2021, <https://www.nzz.ch/wissenschaft/bei-sozialer-interaktion-schwingen-die-gehirne-im-gleichtakt-ld.1600967?reduced=true>

Featured in article "Junge Menschen erleben durch Corona mehr Stress und Isolation" in Der Standard (Austrian newspaper), December 06, 2020, <https://www.derstandard.at/story/2000122262096/junge-menschen-erleben-durch-corona-mehr-stress-und-isolation>

Featured in TV interview "Fehlende Disziplin im Umgang mit dem CoV" on ORF (Austrian public broadcaster), November 12, 2020, <https://tvthek.orf.at/profile/konkret/13887640/konkret/14071286/Fehlende-Disziplin-im-Umgang-mit-dem-CoV/14794489>

Featured in article „Junge Erwachsene leiden am meisten unter Lockdown“ in Science ORF, November 10, 2020, <https://science.orf.at/stories/3202820>

Featured in article „CoV als Dauerbelastung für die Psyche“ in News ORF, November 10, 2020, <https://orf.at/stories/3189245/>

Featured in interview „Junge besonders von sozialer Isolierung betroffen“ in OEAW.ac.at (Austrian academy of sciences), November 9, 2020, <https://www.oeaw.ac.at/detail/news/junge-besonders-von-sozialer-isolierung-betroffen>

Featured in article "Zwangsmaßnahme": Skepsis gegenüber zweitem Lockdown " in Kurier (Austrian newspaper), November 6, 2020, <https://kurier.at/wissen/gesundheit/skepsis-gegenueber-zweitem-lockdown/401088723>

Featured in radio interview "Was das Gehirn alles kann" on the brain and its functions on Ö1 (OE1 - Austrian National Radio, ORF), October, 22, 2020,

<https://oe1.orf.at/programm/20201022#615170/Was-das-Gehirn-alles-kann>
 Featured in article "Elektroschock-Experiment zeigte, dass wir andere Menschen intuitiv beschützen wollen" on the paper Lengersdorff, L. L., Wagner, I. C., Lockwood, P. L., & **Lamm, C.** (2020). When implicit prosociality trumps selfishness: The neural valuation system underpins more optimal choices when learning to avoid harm to others than to oneself. *Journal of Neuroscience*, 40(38), 7286–7299.
<https://doi.org/10.1523/JNEUROSCI.0842-20.2020> in Der Standard (Austrian newspaper), August 30, 2020,
<https://www.derstandard.at/story/2000119592214/elektroschock-experiment-zeigte-dass-wir-andere-menschen-intuitiv-beschuetzen-wollen>
 Featured in radio interview "Schäm dich" on the feelings of shame on "Radiokolleg" (OE1 - Austrian National Radio, ORF), August 30, 2020,
<https://oe1.orf.at/programm/20200831/610847>
 Featured in article „Zusammenrücken im Angesicht der Bedrohung“ on how the experience with COVID-19 can help us to cope with the climate crisis in Wiener Zeitung (Austrian newspaper), August 18, 2020,
<https://www.wienerzeitung.at/meinung/gastkommentare/2071965-Zusammenruecken-im-Angesicht-der-Bedrohung.html>
 Featured in radio interview "Der vielfache Griff ins Gesicht" on why people touch their face all the time on "Ö1 Moment – Leben heute" (OE1 - Austrian National Radio, ORF), July 22, 2020 <https://oe1.orf.at/programm/20200722/605010/Der-vielfache-Griff-ins-Gesicht>
 Featured in interview "Manche trifft die Corona Krise härter!" on factors influencing the risk of COVID-19 on "MedImpressions" <https://medimpressions.at/manche-trifft-die-corona-krise-haerter/>
 Featured in radio interview "Positives Körpergefühl" on touch and its adaptive effects on "Ö1 Radiokolleg" (OE1– Austrian National Radio, ORF), June 2, 2020,
<https://oe1.orf.at/programm/20200602/600718>
 Featured in radio interview "Du schaust so komisch!" on emotion recognition on "Ö1 Matrix" (OE1– Austrian National Radio, ORF), May 29, 2020,
<https://oe1.orf.at/player/20200529/599054>
 Selected media coverage on the paper Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., ... Lamm, C., ... Schonberg, T. (2020). Variability in the analysis of a single neuroimaging dataset by many teams. *Nature*, 582, 84–88. <https://doi.org/10.1038/s41586-020-2314-9>
 Featured in article „Hirnscans lassen sich verschieden lesen“ in Neue Zürcher Zeitung (Swiss newspaper), June 6, 2020, <https://www.nzz.ch/wissenschaft/hirnscans-lassen-sich-unterschiedlich-auswerten-das-beeinflusst-auch-das-ergebnis-id.1558507>
 Featured in article „Kann seriöse Wissenschaft zu unterschiedlichen Ergebnissen führen?“ in life-science (career services for scientists), May 28, 2020,
<https://career.life-science.eu/flexible-statistik/>
 Featured in article „Wie verlässlich sind die Ergebnisse?“ in Focus Online (german news magazine), May 22, 2020, https://www.focus.de/wissen/natur/wissenschaft-wie-verlaesslich-sind-die-ergebnisse_id_12019416.html
 Featured in press release "Gleiche Hypothese, gleiche Daten – variable Ergebnisse?" in idw (Informationsdienst Wissenschaft, german news portal), May 20, 2020,
<https://idw-online.de/de/news747741>
 Featured in article "Gleiche Daten, oft andere Schlüsse" in science.ORF.at (Austrian public broadcaster), May 20, 2020, <https://science.orf.at/stories/3200796>
 Featured in radio broadcast "Die Kunst des Verzichts" on climate change on „Ö1 Dimensionen“ (OE1– Austrian National Radio, ORF), May 14, 2020,
<https://oe1.orf.at/programm/20200514/598295/dimensionen-diskussionen>

Featured in article "Wer gerne seine Meinung zum Thema Corona bekunden möchte ..." presenting an international research cooperation investigating attitudes towards coronavirus in Der Standard (Austrian newspaper), April 24, 2020, <https://www.derstandard.at/story/2000117100320/wer-gerne-seine-meinung-zum-thema-corona-bekunden-moechte>

Featured in radio interview on corona, rules and guilty conscience on FM4 "Connected" (Austrian public radio station), April 22, 2020.

Featured in article "Leben im gesellschaftlichen Experiment" on uncertainty and coping during the coronavirus crisis in Wiener Zeitung (Austrian newspaper), April 19, 2020, <https://www.wienerzeitung.at/nachrichten/wissen/mensch/2057741-Leben-im-gesellschaftlichen-Experiment.html>

Featured in article "Mit Essen fehlende Sozialkontakte kompensieren" in science.ORF.at (Austrian public broadcaster), April 16, 2020, <https://science.orf.at/stories/3200579>

***Featured in podcast „Macht uns die Krise mitfühlender?“ on prosocial behaviour during the coronavirus crisis on Ö1 Corona Podcast (Austrian National Radio, ORF), April 16, 2020, <https://oe1.orf.at/artikel/670660/Macht-uns-die-Krise-mitfuehlender>

***Documentary on study on the effects of stress on the brain on Servus TV "P.M. Wissen" (Austrian private broadcaster), April 16, 2020, <https://www.servustv.com/videos/aa-21ykszuc51w12/>

Featured in article "Wenn das Lächeln wegfällt" on expressing emotions while wearing face masks in Wiener Zeitung (Austrian newspaper), April 12, 2020, <https://www.wienerzeitung.at/nachrichten/wissen/mensch/2057100-Wenn-das-Laecheln-wegfaellt.html>

Featured in TV interview on emotional coping with social isolation on ORF2 "Thema" (Austrian public broadcaster), April 6, 2020, <https://tvthek.orf.at/profile/Thema/11523190/Thema/14047359>

Selected media coverage of study on the effects of the corona crisis on mood, stress and social behavior (by Claus Lamm, Giorgia Silani and Urs Nater)

Featured on the radio broadcast "Ö1 Mittagsjournal" (OE1- Austrian National Radio, ORF), April 23, 2020, <https://oe1.orf.at/programm/20200423/595581>

Featured in article "Coronakrise: Teilnehmer für Studie über unser neues Sozialverhalten gesucht" in Der Standard (Austrian newspaper), April 3, 2020, <https://www.derstandard.at/story/2000116480177/coronakrise-teilnehmer-fuer-studie-ueber-unser-neues-sozialverhalten-gesucht>

Featured in article "Studie untersucht Verhalten in sozialer Distanz" in science.ORF.at (Austrian public broadcaster), April 3, 2020, <https://science.orf.at/stories/3200486/>

Featured in article "Does stress make us more helpful?" in scilog (online magazine by "Wissenschaftsfonds FWF"), March 30, 2020, <https://scilog.fwf.ac.at/en/humanities-and-social-sciences/11319/stress-make-us-helpful>

***Featured in TV Interview on life during the coronavirus on ORF2 "Stöckl" (Austrian public broadcaster), March 26, 2020, https://tv.orf.at/highlights/orf2/200326_stoeckl102.html

Featured in article „Corona-Witze: Klopapier und alte weiße Männer“ on coronavirus and jokes in Der Standard (Austrian newspaper), March 23, 2020, <https://www.derstandard.at/story/2000116067560/corona-witze-klopapier-und-alte-weisse-maenner>

Featured in TV Interview „Neuropsychologe Claus Lamm: Man ist in einem anderen Denkmodus“ on the behavioral aspects of the coronavirus epidemic on Puls 24 (Austrian private TV broadcaster), March 14, 2020,

- <https://www.puls4.com/Puls24/videos/HIGHLIGHTS/Neuropsychologe-Claus-Lamm-Man-ist-in-einem-anderen-Denkmodus-799181>
- Featured in article „Coronavirus: Nachrichten kurbeln auch die Angstspirale an“ in Kurier (Austrian newspaper), March 1, 2020
<https://kurier.at/wissen/gesundheit/coronavirus-zu-viele-nachrichten-kurbeln-angstspirale-an/400768149>
- Featured in article „Claus Lamm: Der Wiener Psychologe, der eine Klimaschutz-Diät empfiehlt“ in Tech & Nature (Media platform), February 28, 2020,
<https://www.techandnature.com/claus-lamm-der-wiener-psychologe-der-eine-klimaschutz-diat-empfiehl/>
- Featured in article "Chronischer Stress blockiert" in Salzburger Nachrichten, July 10, 2019
<https://www.sn.at/leben/gesundheit/chronischer-stress-blockiert-73236655>
- Selected media coverage on the paper Morese, R., Lamm, C., Bosco, M. F., Valentini, M. C., & Silani, G. (2019). Social support modulates the neural correlates underlying social exclusion.
https://science.apa.at/site/kultur_und_gesellschaft/detail.html?key=SCI_20190614_SCI39351351649034620
https://science.apa.at/site/kultur_und_gesellschaft/detail.html?key=SCI_20190613_SCI39431352649028380
<https://science.orf.at/stories/2986847>
- Featured in "Die Presse" vom 15.06.2019 Seite: 37 „Berühren tröstet bei sozialem Ausschluss“.
- Featured in „Tiroler Tageszeitung" vom 15.06.2019 Seite 29 „Erklärung nervt, Berührung hilft“
- Featured in radio broadcast "*Begriff der Woche – das Dilemma: In Abwesenheit studieren*" on distance- and online-studying in ORF (Austrian public broadcaster), May 29, 2019.
- Selected media coverage on the paper Adriaense, J. E. C., Martin, J., Schiestl, M., **Lamm, C.**, & Bugnyar, T. (2019). Negative emotional contagion and cognitive bias in common ravens (*Corvus corax*). *Proceedings of the National Academy of Sciences*.doi:10.1073/pnas.1817066116
- Featured in article "Empathic birds" in myScience.org, May 20, 2019
https://www.myscience.org/news/2019/empathic_birds-2019-univie
- Featured in article "Seeing Friends Disappointed Bums Us Out. The Same Might Be True for Ravens" in NOVA, May 20, 2019
<https://www.pbs.org/wgbh/nova/article/raven-emotional-contagion/>
https://science.apa.at/rubrik/natur_und_technik/Ansteckender_Frust_-_Erstmals_Emotionsuebertragung_bei_Raben_gezeigt/SCI_20190520_SCI39391351448592654
https://science.apa.at/site/natur_und_technik/detail.html?key=SCI_20190520_SCI39471352448592972
<https://www.nzz.ch/wissenschaft/bei-raben-wurde-die-uebertragung-von-emotionen-beobachtet-ld.1483309>
<https://telebasel.ch/2019/05/20/schlechte-laune-ist-ansteckend-auch-unter-raben/>
https://www.deutschlandfunk.de/empathie-raben-lassen-sich-von-anderen-frusten.2850.de.html?drn:news_id=1009127
<https://science.orf.at/stories/2982646/>
<https://www.wienerzeitung.at/nachrichten/wissen/natur/2010213-Raben-lassen-sich-von-frustrierten-Kollegen-anstecken.html>
https://science.apa.at/site/natur_und_technik/detail.html?key=SCI_20190520_SCI39931359448592984

<https://www.sciencenews.org/article/bad-moods-could-be-contagious-among-ravens>
<https://www.iflscience.com/plants-and-animals/ravens-moods-are-affected-by-others-something-only-seen-in-primates/>
<https://swrmediathek.de/player.htm?show=63861890-7bcf-11e9-88e7-005056a10824>
<https://swrmediathek.de/player.htm?show=fd60c340-7bcd-11e9-a7ff-005056a12b4c>
<https://www.swr.de/wissen/rabenfuehlenmit/-/id=253126/did=24105106/nid=253126/tsa7uw/index.html>
<https://www.swr.de/swr1/bw/programm/rabenfuehlenmit/-/id=446250/did=24105106/nid=446250/rid=24108622/1rsv6xj/index.html>
https://www.deutschlandfunk.de/empathie-raben-lassen-sich-von-anderen-frustrieren.2850.de.html?drn:news_id=1009128
<https://www.scinexx.de/news/biowissen/sind-raben-empathisch/>
<https://www.derstandard.de/story/2000103510456/raben-lassen-sich-vom-frust-ihrer-artgenossen-anstecken>
<https://derstandard.at/2000103510456/Raben-lassen-sich-vom-Frust-ihrer-Artgenossen-anstecken>
http://www.oe-journal.at/index_up.htm?http://www.oe-journal.at/Aktuelles/!2019/0519/W3/52105uniWien.htm
<https://diepresse.com/home/premium/5632142/Raben-haben-Mitgefuehl-der-Mensch-hat-eine-Moral>
<https://www.schweizerbauer.ch/tiere/uebrige-tiere/kraehen-uebertragen-emotionen-49439.html>
<https://www.mailsonunday.co.uk/sciencetech/article-7053555/Its-conspiracy-Bad-moods-contagious-ravens-spread-large-groups.html>
<https://www.dailymail.co.uk/sciencetech/article-7053555/Its-conspiracy-Bad-moods-contagious-ravens-spread-large-groups.html>
https://www.vice.com/en_ca/article/wjvgaz/ravens-spread-negative-emotions-to-their-friends-study-finds
https://www.upi.com/Science_News/2019/05/21/Negative-emotional-contagion-can-spread-among-lab-ravens/6281558443044/
<https://www.zmescience.com/science/news-science/negative-emotional-contagion-raven-05243/>
<https://www.breitbart.com/news/negative-emotional-contagion-can-spread-among-lab-ravens/>
<https://news.myseldon.com/en/news/index/211097989?requestId=760dbcbe-a100-4670-8ba9-ff588aa898e2>
<https://www.swr.de/swr2/programm/sendungen/impuls/tierpsychologie-raben-zeigen-mitgefuehl/-/id=1853902/did=24107980/nid=1853902/rwestb/index.html>
https://www.focus.de/wissen/natur/sind-raben-empathisch_id_10745597.html
<https://whatsnew2day.com/its-a-conspiracy-bad-moods-can-be-contagious-among-ravens-and-spread-through-their-large-groups/>
<https://www.newscabal.co.uk/its-a-conspiracy-bad-moods-could-be-contagious-among-ravens-and-spread-through-their-large-groups/>
<http://www.nat-geo.ru/nature/1270408-pessimizm-zarazen-dokazano-voronami/>
<https://news.myseldon.com/ru/news/index/211155393?requestId=32d50666-15a7-43ae-bcd7-10f78219e2f5>

Featured in article "Empathie unter Stress" on empathy and stress in "uni:view Magazin" (Research newsletter University of Vienna), May 8, 2019.

Featured in article "Wer sich vor dem bösen Wolf fürchtet" on irrational fear in „Kurier" (Austrian newspaper), February 10, 2019.

Featured in TV broadcast "Orientierung: Das Teilen – Wenn aus dem Geben ein Gewinn wird" [Sharing – when giving turns into a gain] on neuropsychological aspects of sharing on ORF (Austrian public broadcaster), December 30, 2018.

Featured in article "Wer will noch mitfühlen?" on different factors shaping empathy in "Die Wienerin" (Austrian magazine), October 2018.

Featured in radio broadcast "Dimensionen: Dazu gehören – Fremd sein: Warum ein Miteinander oft so schwer fällt" on empathy and the effects of group membership in ORF (Austrian public broadcaster), October 17, 2018.

Featured in article "Das Spiel mit der Spaltung" on empathy and the effects of group membership in "Die Furche" (Austrian newspaper), October 11, 2018.

Featured in article "Empathie ist nicht nur Mitgefühl, sondern auch eine Sache der Vernunft" on biological bases and social factors that shape empathy in „ÖÖNachrichten“ (Austrian regional newspaper), September 29, 2018.

Featured in article "Nach dem Gefängnis-Experiment: Jeder kann ein Held sein" on the Heroic Imagination Project in "Kurier" (Austrian newspaper), September 13, 2018.

Featured on "kulturMontag: Der Verlust des Mitgefühls" on the value of empathy in ORF (Austrian public broadcaster), September 10, 2018.

Featured in article "Flüchtlingsdebatte: Empathie entsteht nicht im Vakuum" on empathy towards refugees in "Der Standard" (Austrian newspaper), June 16, 2018.

Featured in radio broadcast "Br2 Radio Welt" (German public radio station) on empathy, June 13, 2018.

Featured in radio broadcast "1 Life Update" (German radio network) on empathy, June 09, 2018.

Featured in article "Welche Rolle spielt Empathie für das Arbeitsklima?" on empathy in work environment in "In Arbeit (Issue 03)" (German magazine on quality of work), June, 2018.

Featured in article "Nachgefragt: Empathiefähigkeit: Ich fühle, was du fühlst" on empathy in "Der Standard" (Austrian newspaper), March 25, 2018.

Featured in article "Smartphones: Sind soziale Medien gebaut, um süchtig zu machen?" on social media addiction in "Der Standard" (Austrian newspaper), February 20, 2018.

Featured in article "Was ist Altruismus wert?" in "Falter / Heureka"(Austrian science magazine), November 15, 2017 [„What is altruism worth?“].

Featured in article "Wie viel Risiko verträgt der Mensch?" in „univie“ (Alumni magazine, University Vienna), November 2017 [„How much risk does a person tolerate?“].
<https://www.paperturn-view.com/de/univie/univie-2-17-screen-?pid=MTM13337>

On OE1 "Diagonal" (Austrian National Radio, ORF), October 28, 2017,
<http://oe1.orf.at/programm/20171028/493264>

Featured in the radio broadcast "Radiokolleg Ö1" (OE1– Austrian National Radio, ORF) on empathy, October, 16-19, 2017.

TV feature on Servus.tv (Austrian television): "Ehrenamt - Kein Staat ohne Freiwillige", July 13, 2017.

Featured in article "Die digitale Zukunft des Stadtverkehrs" on autonomous driving and the acceptance of intelligent technology in "Die Presse" (Austrian newspaper), June 22, 2017.

***Portrayal of person and research, in "Die Krone" (Austrian newspaper), series "Die Krone der Wissenschaft" (the crown of Science), May 9 2017

TV interview on Artificial Intelligence, featured on ORF2 "Heute Konkret" (Austrian television), May 19, 2017

Featured in article "Freiluftsaigon für Adrenalinjunkies" in ORF.at (online portal), May 6, 2017 ["Outdoor season for adrenaline junkies"].

<http://wien.orf.at/news/stories/2841392/>

***TV feature on SWR 3 "Odysso" (German Science TV programme) related to the publication "Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain", May 4, 2017

<http://www.swr.de/odysso/schmerzmittel-blockieren-mitgefuehl/-/id=1046894/did=19239086/nid=1046894/1006grn/index.html>

Selected media coverage about the paper "Increased neural responses to empathy for pain might explain how acute stress increases prosociality"

In "Huffington Post" (newspaper), April 20, 2017

http://www.huffingtonpost.com/entry/stress-might-make-you-more-empathetic-and-help-you-perform-better_us_58f109fee4b0bb9638e393e9

In "Hindustan Times" (newspaper), April 14, 2017

<http://www.hindustantimes.com/sex-and-relationships/stress-makes-us-empathetic-but-too-much-empathy-may-lead-to-poor-judgement/story-yD38TodhSV3jLHcbWKxxL.html>

In "The Malay Mail" (newspaper), April 14, 2017

<http://www.themalaymailonline.com/features/article/stress-increases-empathy-but-empathy-can-in-turn-lead-to-poor-judgement-stu>

In "Der Standard" (Austrian newspaper), April 12, 2017

<http://derstandard.at/2000055756637/Paradox-Vor-allem-gestresste-Menschen-sind-einfuehlsam>

In "Kronen Zeitung" (Austrian newspaper), April 13, 2017 print edition, page 41

On "Yahoo.com", April 13, 2017

<https://www.yahoo.com/beauty/stress-increases-empathy-empathy-turn-lead-poor-judgement-092407567.html>

On "MyScience.org", April 11, 2017

<https://www.myscience.org/news/2017/stress-can-increase-empathy-2017-univie>

On "MSN Canada", April 12, 2017

<http://www.msn.com/fr-ca/actualites/science-et-techno/le-stress-nous-rend-plus-empathique-parfois-par-erreur/ar-BBzKB2o?srcref=rss>

On "Schattenblick" (online portal), April 11, 2017

<http://www.schattenblick.de/infopool/sozial/psychol/spfor207.html>

On "(e)-science news" (online portal), April 11, 2017

<http://esciencenews.com/sources/newswise.scinews/2017/04/11/stress.can.increase.empathy>

On "ScienceDaily", April 11, 2017

<https://www.sciencedaily.com/releases/2017/04/170411104758.htm>

On "TVN" (True Viral News, online portal), April 15, 2017

<http://trueviralnews.com/stress-makes-us-empathetic-but-too-much-empathy-may-lead-to-poor-judgement/>

On "Igihe", April 13, 2017

<http://en.igihe.com/news/stress-can-increase-empathy.html>

On "Newsdog" (online portal), April 14, 2017

<http://newsdog.today/a/article/58f045741290715cc1dc9f20/>

On "CTV News" (Canadian television portal), April 13, 2017

<http://www.ctvnews.ca/health/stress-increases-empathy-but-can-lead-to-poor-judgment-1.3367094>

Featured in article "Wenn Maschinen wie kleine Kinder lernen" on machine learning, self-driving cars, and the acceptance of intelligent technology in "Der Standard" (Austrian newspaper), January, 5, 2017 ["When machines learn like little

- children“]. <http://derstandard.at/2000050237364/Wenn-Maschinen-wie-kleine-Kinder-lernen>
- ***Featured in article „The limits of empathy: Diana Kwon on when walking in another’s shoes is not enough“ in „The British Psychological Society“ (magazine), January, 2017 <https://thepsychologist.bps.org.uk/volume-30/january-2017/limits-empathy>
- Interview on emotions, social media and the Austrian presidential election, featured on “FAQ Bregenzerwald”, December, 1, 2016.
<http://www.faq-bregenzerwald.com/claus-lamm>
- Interview on “post-factual” decision making and social media, featured in “Die Presse” (Austrian newspaper), November 9, 2016. [“Postfaktisch”: Warum das Hirn von Fakten kaum beeindruckt ist]
http://diepresse.com/home/politik/uswahl/5115279/Postfaktisch_Warum-das-Hirn-von-Fakten-kaum-beeindruckt-ist?_vl_backlink=/home/index.do
- ***Featured in article “Terror-Entscheidung: Das sagen Juristen und Philosophen” in “Der Kurier” (Austrian newspaper), October, 16, 2016 [„terror“-decision: this is what lawyers and philosophers have to say]
<https://kurier.at/leben/terror-entscheidung-das-sagen-juristen-und-philosophen-dazu/225.697.968>
- Interview “Warum es uns nicht juckt” featured on “fluter.de” (magazine of the German Federal Agency for Civic Education (Bundeszentrale für politische Bildung, BPB), September 11, 2016. [“why it doesn’t bother us”]
<http://www.fluter.de/darum-haben-wir-nicht-mit-allen-menschen-gleich-viel-mitgefuehl>
- Featured in the radio broadcast “Die Einheit in der Vielheit finden” (OE1– Austrian National Radio, ORF), August, 22, 2016 [„Finding the unity in the plurality“].
- Featured in column „Gsiberger in Wien“ in “Kronen Zeitung Vorarlberg” (Austrian newspaper), July, 31, 2016 [“Gsiberger in Vienna”]
http://www.purtscherrelations.at/rte-files/Krone_75_Claus_Lamm.jpg
- Featured in article “Das richtige Maß an Mitgefühl” in “Maxima” (Austrian magazine), May, 21, 2016 [„The right amount of compassion“].
https://www.maxima.at/2016/05/21/f_das-richtige-mass-an-mitgefuehl/
- Featured in article “Empathy for animals is all about us” in “Science News” (American magazine), June, 29, 2016.
<https://www.sciencenews.org/blog/scicurious/empathy-animals-all-about-us?tgt=nr>
- Featured in article „Effektiver Altruismus: Abkassieren, um die Welt zu verbessern“ in Austrian newspaper „Der Standard“, June, 27, 2016 [„Effective altruism: improving the world by cashing up“].
<http://derstandard.at/2000039734132/Effektiver-Altruismus-Abkassieren-um-die-Welt-zu-verbessern>
- Featured in article “Nach Rapperswil: Auf der Suche nach der Empathie” in “Tages-Anzeiger” (Swiss newspaper), May, 22, 2016 [„After Rapperswil: In search of empathy“]. <http://www.tagesanzeiger.ch/kultur/diverses/Auf-der-Suche-nach-der-Empathie/story/15225081>
- ***Radio interview on empathy and possibilities to train it featured in SWR2 (German radio station), May 6, 2016.
<http://www.swr.de/swr2/programm/sendungen/swr2-forum/meditieren-fuer-den-frieden-laesst-sich-empathie-trainieren/-/id=660214/did=17390316/nid=660214/1bcbsmi/index.html>
- ***Interview on the role of empathy in the course of the refugee crisis, featured on jetzt.de (online magazine of the German newspaper “Sueddeutsche Zeitung”), May 4, 2016. <http://www.jetzt.de/fluechtlinge/ueber-die-grenzen-der-empathie>

- Interview on empathy research featured on "Radiotelevizija Slovenija" (Slovenian national public radio), March 3, 2016.
<http://radioprvi.rtvlo.si/2016/03/mozgani-na-dlani-nevron-pred-mikrofon-empatija/>
- Radio interview for documentary on performance and self-discipline featured in OE1 (Austrian National Radio), February 8, 2016.
<http://oe1.orf.at/programm/427211>
- TV interview on the influence of facial features on personal traits, featured on ORF2 "Kulturmontag" (Austrian television), January 26, 2016.
- Featured in the article "Die Gefahren eines guten Gefühls" on empathy in "Wirtschaftswoche" (German economics magazine), January 22, 2016.
- ***Austrian Television news documentary (ORF2, "heute leben") and interview on research published in PNAS 2015, January 8, 2016.
- Selected coverage of the paper „From shared to distinct self–other representations in empathy: Evidence from neurotypical function and socio-cognitive disorders“:
 in Newspaper "Die Presse", December 19, 2015,
 in Science ORF, December 14, 2015,
<http://science.orf.at/stories/1765355/>
 in "Der Standard" (Austrian newspaper), December 14, 2015,
<http://derstandard.at/2000027470596/Autismus-und-Psychopathie-Empathie-Defizite-koennten-Trugschluss-sein>
 Austria Press Agency – Medizin & Biotech (APA, online portal), December 14, 2015,
http://www.science.apa.at/rubrik/medizin_und_biotech/Autismus_und_Psychopathie_Empathie_Defizite_koennten_Trugschluss_sein/SCI_20151214_SCI39371351_227238876
- Interview on the role of emotions in decision making featured in "Der Standard" (Austrian newspaper), December 5, 2015.
- Radio interview on emotion research for the podcast "Bildung und Wissenschaft – Deutschlandradio", December 3, 2015.
<http://m.podcast.de/episode/282525934/Empathie-Forschung/>
- Interview on empathy and terrorism „Terroristen schalten ihr Mitgefühl aus“ in "Apotheken Umschau", December 3, 2015,
<http://www.apotheken-umschau.de/Psyche/Terroristen-schalten-ihr-Mitgefuehl-aus-506673.html>
- ***TV interview on prejudices against others, featured on ORF2 "Heimat Fremde Heimat" (Austrian television), October 25, 2015
- TV interview on empathy for injured athletes, featured on ORF "heute mittag" (Austrian television), October 22, 2015
- Selected articles about the paper "Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain":
- ***In Journal "Science", September 28, 2015
<http://www.sciencemag.org/news/2015/09/dulling-pain-may-also-reduce-empathy>
- ***In Journal "Science Signaling", October 20, 2015
<http://stke.sciencemag.org/content/8/399/ec296.abstract>
 In "Augsburger Allgemeine" (German newspaper), September 30, 2015,
<http://www.augsburger-allgemeine.de/wissenschaft/Die-Einnahme-von-Schmerzmitteln-kann-Ihre-Empathie-verringern-id35643112.html>
 "MD magazine" (online journal), September 30, 2015,
<http://www.hcplive.com/medical-news/empathy-for-pain-lies-in-the-same-brain-regions-as-first-hand-pain>
 In "Der Standard" (Austrian newspaper), September 29, 2015,

<http://derstandard.at/2000022904891/Forscher-manipulieren-Empathie-im-menschlichen-Gehirn>

In "Der Kurier" (Austrian newspaper), September 29, 2015,

<http://kurier.at/lebensart/gesundheit/oesterreichische-forscher-entdecken-zusammenhang-zwischen-schmerzempfinden-und-mitgefuehl/155.590.115>

On Science ORF.at, September 29, 2015,

<http://science.orf.at/stories/1763294/>

Phys.org (online portal), September 29, 2015,

<http://phys.org/wire-news/204972096/endogenous-opioids-moderate-empathic-reactions.html>

***In "Süddeutsche Zeitung" (German newspaper), September 28, 2015,

<http://www.sueddeutsche.de/gesundheit/medizin-empathie-blocker-1.2668217>

In "Wiener Zeitung" (Austrian newspaper), September 28, 2015,

http://www.wienerzeitung.at/themen_channel/wissen/mensch/777074_Wiener-Forscher-schalten-gehemmtes-Mitgefuehl-wieder-ein.html

Selected media coverage about the paper "Reduction of empathy for pain by placebo analgesia suggests functional equivalence of empathy and first-hand emotion experience":

In "Der Standard" (Austrian newspaper), June 14, 2015,

<http://derstandard.at/2000017203672/Wer-weniger-Schmerz-empfindet-hat-auch-weniger-Mitgefuehl-mit-anderen>

In "Vorarlberger Nachrichten" (Austrian newspaper), June 10, 2015,

<http://www.vorarlbergernachrichten.at/#vnf1>

In "Salzburger Nachrichten" (Austrian newspaper), June 10, 2015,

<http://www.salzburg.com/nachrichten/gesundheit/sn/artikel/wer-weniger-schmerz-empfindet-hat-auch-weniger-mitgefuehl-153290/>

On Science ORF.at (online portal), June 10, 2015,

<http://science.orf.at/stories/1759692/>

On 20minuten (online portal), June 10, 2015,

<http://www.20min.ch/wissen/news/story/Nur-wer-Leid-selbst-kennt--kann-mitfuehlen-10629859>

retweeted by "Forschung & Entdeckung" magazine, June 10, 2015

https://twitter.com/f_e_magazin/statuses/608552186142851072

in "Wiener Zeitung" (Austrian newspaper), June 9, 2015,

http://www.wienerzeitung.at/themen_channel/wissen/mensch/756531_Wer-weniger-Schmerz-spuert-hat-weniger-Mitgefuehl.html

***On OE1 "Wissen aktuell" (Austrian National Radio, ORF), June, 10, 2015,

<http://oe1.orf.at/programm/406497>.

***Featured in the radio broadcast "Vom Wirtschaften mit "Sozialkapital" on WDR Radio (German public broadcasting), April, 4, 2015 ["From economy to social capital"].

Featured in article "Warum das Hirn eine Siesta braucht" in "Salzburger Nachrichten" (Austrian newspaper), January, 7, 2015 ["Why the brain needs a Siesta"].

***TV interview with Barbara Stöckl in talk show on neural mechanisms of donations and prosocial behaviour, featured on ORF2 "Stöckl" (Austrian television), November 27, 2014,

<http://tv.orf.at/program/orf2/20141127/700128401/388037>

***Research on stress and self-other distinction covered by American Psychological Association Homepage's "Members in the News" section, November 7, 2014,

<http://www.psychologicalscience.org/index.php/news/are-women-better-decision-makers.html>

Featured in article about emotions in Austrian magazine "Universum Magazin" (Austrian magazine): "Unendlich ähnlich", November, 2014 ["endlessly similar"].

Featured in article on gender differences in decision-making in The New York Times ("Are Women Better Decision Makers?", October 17, 2014, <http://www.nytimes.com/2014/10/19/opinion/sunday/are-women-better-decision-makers.html>)

Featured in article on the evolution of emotions in "Der Standard" (Austrian newspaper), October 16, 2014, <http://derstandard.at/2000006833260/Grosse-Gefuehle-kleine-Unterschiede>

***Radio interview on emotion research for OE1 "Salzburger Nachtstudio" (Austrian public radio, ORF), October 15, 2014.

Interview for a feature on mirror neurons and empathy for "dpa- Deutsche Presse-Agentur" (German press agency): „Mitfiebern, Mitfühlen, Nachahmen: Ohne Spiegelneuronen kein Torjubel?", June, 2014.

***TV interview on biological basis of fear featured on ORF1 "Newton" (Austrian television): "Feuer frei!", June 7, 2014.

Featured in article about empathy in "Pflegemamas & papas" (Austrian magazine for foster parents): „Ich fühle mit dir, fühlst du mit mir?", April, 2014 [„I feel with you, do you feel with me?"]

***Interview and feature on neural bases of social perception for OE1 (Austrian National Radio ORF): "Radiokolleg – Wie unser Gehirn die Welt erschafft. Neurobiologische und konstruktivistische Theorien (2)", April 1, 2014, <http://oe1.orf.at/programm/368007>

Selected articles about the paper "Is stress affecting our ability to tune into others? Evidence for gender differences in the effects of stress on self-other distinction.":

In "Kronen Zeitung" (Austrian newspaper), May 10, 2014.

"ZEIT ONLINE" (online portal), April 22, 2014, <http://www.zeit.de/karriere/2014-03/reaktion-stress-frauen-stress-maenner>

in "Die Presse am Sonntag" (Austrian newspaper), April 13, 2014, <http://diepresse.com/home/science/1593554/Empathie-Stresstest-der-Geschlechter->

in "Salzburger Nachrichten" (Austrian newspaper), March 24, 2014 <http://www.salzburg.com/nachrichten/rubriken/bestestellen/karriere-nachrichten/sn/artikel/unter-stress-werden-maenner-zu-egoisten-101013/>

in "Kurier" (Austrian newspaper), March 22, 2014, <http://kurier.at/lebensart/leben/stress-macht-frauen-einfuehlsam-und-maenner-egozentrisch/56.832.259>

in "Die Presse" (Austrian newspaper), March 22, 2014, <http://karrierenews.diepresse.com/home/karrieretrends/1578108/Stress-macht-Frauen-kuschelig-Maenner-egozentrisch>

in "Der Standard" (Austrian newspaper), March 20, 2014, <http://derstandard.at/1395057040883/Maenner-zeigen-verminderte-soziale-Faehigkeiten-in-Stresssituationen>

scinexx (online portal), March 19, 2014, <http://www.scinexx.de/wissen-aktuell-17342-2014-03-18.html>

Pacific Standard magazine (online portal), March 19, 2014, <http://www.psmag.com/navigation/health-and-behavior/stress-increases-empathy-women-decreases-men-76883/>

***Radio interview on empathy research for NDR (German public radio): „Ich fühle, was du fühlst", March 16, 2014, <http://www.ndr.de/info/programm/sendungen/lebenswelten/index.html>

***Radio interview on empathy research for "Deutschlandradio-Kultur" (German public radio): "Der Mensch, das emotionale Wesen", March 6, 2014, <http://www.deutschlandradiokultur.de/forschung-und-gesellschaft.1087.de.html>

Interview about empathy and cooperation in "Salzburger Nachrichten" (Austrian newspaper), January 4, 2014,
http://search.salzburg.com/display/sn0417_04.01.2014_41-49981923

***TV interview related to the Human Brain Project, featured on ORF2 ZIB2 (Austrian television), December 19, 2013

***TV full-featured interview with Barbara Stöckl on neural mechanisms of donations, featured on ORF3 science.talk (Austrian television), December 18, 2013, <http://tv.orf.at/orf3/stories/2621063/>

Selected media coverage about the paper "Effects of transcranial direct current stimulation on risky decision making are mediated by 'hot' and 'cold' decisions, personality, and hemisphere."

On "innovations report" (online portal), October 23, 2013,
http://www.innovations-report.de/html/berichte/medizin_gesundheit/hirnstimulation_risikofreudige_menschen_einbremsen_221709.html

On "pressebox" (online portal), October 23, 2013,
<http://www.pressebox.de/inaktiv/universitaet-wien/No-risk-no-funOE-Hirnstimulation-kann-risikofreudige-Menschen-einbremsen-und-risikoscheue-enthemmen/boxid/634679>

In "Österreich Journal" (Austrian magazine), October 23, 2013, http://www.oe-journal.at/index_up.htm?http://www.oe-journal.at/Aktuelles/!2013/1013/W4/42310uniWIen.htm

In "Der Standard" (Austrian newspaper), October 23, 2013,
<http://derstandard.at/1381369569106/Direkte-Gehirnstimulation-steuert-Risikoverhalten-von-Menschen>

On "Austria Press Agency – APA" (online portal), October 23, 2013,
http://www.science.apa.at/rubrik/kultur_und_gesellschaft/Forscher_koennen_durch_Hirnstimulation_Risikoverhalten_steuern/SCI_20131023_SCI39351351615251298 and
http://www.science.apa.at/rubrik/kultur_und_gesellschaft/No_risk_no_fun_Hirnstimulation_kann_risikofreudige_Menschen_einbremsen_und_risikoscheue_enthemmen/SCI_20131023_SCI39431352615248386

On "uni:view" (online newsportal of the University of Vienna), October 23, 2013,
<http://medienportal.univie.ac.at/uniview/forschung/detailansicht/artikel/psychologie-no-risk-no-fun/>

uni:view feature retweeted by "Forschen & Entdecken" magazine, October 23, 2013, https://twitter.com/fe_magazin/statuses/392971050993991680

Selected media coverage about the paper "Right Supramarginal Gyrus Is Crucial to Overcome Emotional Egocentricity Bias in Social Judgments."

On DocCheck (online portal), October 18, 2013,
<http://news.doccheck.com/de/30815/empathie-durch-eigene-gefuehle-verzerrt/?cat=7138&context=category>

On Schattenblick (online portal), October 9, 2013,
<http://www.schattenblick.de/infopool/sozial/psychol/spfor178.html>

In "Kleine Zeitung" (Austrian newspaper), October 8, 2013,
<http://www.kleinezeitung.at/magazin/wellness/3432235/warum-empathie-verloren-geht.story>

On "Informationsdienst Wissenschaft – idw2, (online portal), October 7, 2013,
<http://idw-online.de/de/news554948>

On "Austria Press Agency – APA", (online portal), October 7, 2013,
http://www.science.apa.at/rubrik/kultur_und_gesellschaft/Ich_fuehle_was_was_du_nicht_fuehlst/SCI_20131007_SCI39431352615005970 and
http://science.apa.at/rubrik/kultur_und_gesellschaft/Die_eigenen_Gefuehle_stoeren_die_Faehigkeit_zur_Empathie/SCI_20131007_SCI39351351615007852

- On science ORF.at (online portal), October 7, 2013,
<http://science.orf.at/stories/1726196/>
 In "Der Standard" (Austrian newspaper), October 7, 2013,
<http://derstandard.at/1379293264780/Emotionen-beeinflussen-die-Empathiefaehigkeit>
- ***Radio interview on empathy and compassion research for Bavarian Radio 2, September 27, 2013
 Research results on empathy and prosocial behavior featured in documentary on ORF2 (Austrian television) ("kreuz & quer: Wie Gewalt entsteht"), June 18, 2013,
<http://religion.orf.at/tv/stories/2589062>
- ***Radio interview on intuition and emotions for OE1 (Austrian National Radio ORF), "Moment – Leben heute", June 4, 2013, <http://oe1.orf.at/programm/339159>
 Article on religion.orf.at, „Spendentag 2013: Almosen als ‚sittliche Pflicht‘“, April 17, 2013, <http://religion.orf.at/stories/2580426> ["Donations day 2013: Charity as 'moral duty'"]
- ***Radio interview and feature on OE1 (Austrian National Radio ORF), "Embodiment. Unser Körper denkt mit.", December 13, 2012,
<http://oe1.orf.at/programm/322688>
- Selected media coverage about the paper "The human factor: Behavioral and neural correlates of humanized perception in moral decision making."
- ***Radio interview for OE1 (Austrian National Radio ORF): "Humanisierung", November 7, 2012. <http://oe1.orf.at/programm/319410>
 In "20 Minuten Online" (online portal), October 20, 2012,
<http://www.20min.ch/wissen/news/story/21947054>
 In "Salzburger Nachrichten" (Austrian newspaper), October 20, 2012.
 In "Der Standard" (Austrian newspaper), October 18, 2012.
 In "Wiener Zeitung" (Austrian newspaper), October 18, 2012.
 In "Kurier" (Austrian newspaper), October 18, 2012.
 On science ORF.at (online portal), October 18, 2012,
<http://science.orf.at/stories/1706481/>
 On "Informationsdienst Wissenschaft – idw", (online portal), October 18, 2012,
<http://idw-online.de/de/news502171>
 On "Austria Press Agency – APA" (online portal), October 17, 2012,
http://science.apa.at/site/kultur_und_gesellschaft/detail.html?key=SCI_20121017_SCI3935135169852882 and
http://science.apa.at/site/kultur_und_gesellschaft/detail.html?key=SCI_20121017_SCI3935135169852882
- TV interview and feature on "okto.tv" (Austrian television) about research on combination of TMS and fMRI, April, 2012.
- Article about research on the neurobiology of empathy for pain, WWTF project "OPOIDEMPATHY", in "uni:view" (online newportal of the University of Vienna), February 14, 2012,
<http://medienportal.univie.ac.at/uniview/forschung/detailansicht/artikel/neurobiologie-schmerz-des-mitfuehlens/>
- Article about research about empathy in dogs and humans, WWTF project "Like me", in "uni:view" (online newportal of the University of Vienna), February 8, 2012,
<http://medienportal.univie.ac.at/uniview/forschung/detailansicht/artikel/empathie-und-mitgefuehl-bei-hund-und-mensch/>
- Radio interview for OE1 ("Dimensionen - Die Welt der Wissenschaft" - related to project "Using TMS to treat smoking addiction"; Austrian National Radio), January, 2012.
- Interviewed and work featured in "Tiroler Tageszeitung" (Austrian newspaper), January 15, 2012, <http://www.tt.com/csp/cms/sites/tt/Freizeit/4126482-42/der-kebstoff-der-gesellschaft.csp>

Featured in article about neuroscience research on empathy and social behavior in humans. "Helfen beginnt im Kopf", in "Der Standard" (Austrian newspaper), December 21, 2011, <http://derstandard.at/1324170369508/Helfen-beginnt-im-Kopf>

Interview about article concerning empathy in rats. ("Nagerschaftshilfe", in "Süddeutsche Zeitung" (German newspaper), December 9, 2011.

Article about research on multimodal neuroimaging and smoking addiction, in "uni:view", (online newsportal of the University of Vienna), December, 2011, <http://medienportal.univie.ac.at/uniview/forschung/detailansicht/artikel/neurowissenschaften-gusto-auf-eine-tschik/>

Interview for ORF1 (Austrian Television): "Work on neural bases of empathy"; "Vorarlberg Heute", October, 2011.

Radio interview for OE1 ("Brain & Memory"; Austrian National Radio), August 2011.

Featured in article by Austrian Press Agency (APA), on research on "multimodal neuroimaging of psychiatric disorders", September, 2011, http://zukunftwissen.apa.at/cms/zukunft-wissen/fti-und-wissenschaft/service_volltext.html?level=1&id=CMS1315399529129

Interview on neural bases of gender differences, on Austrian Television Channel ATV, daily news "ATV Plus", July 25, 2011.

Interview about empathy and leadership, in "Die Presse" (Austrian newspaper), July 16, 2011, <http://karrierenews.diepresse.com/home/karrieretrends/678250/Keine-Empathie-Eine-unendliche-Fehlerquelle>

Interview and work/person featured in article "I see what you feel", in "Die Presse" (Austrian newspaper), July, 2011. http://diepresse.com/home/science/674654/Einfuehlungsvermoegen_Ich-sehe-was-du-fuehlst

Interview and work/person featured in online newspaper of the University of Vienna, June, 2011, <http://medienportal.univie.ac.at/uniview/professuren/detailansicht/artikel/claus-lamm-grundlagen-der-empathie/>

Interview and work featured in Documentary "kreuz und quer – vom Sinn des Gebens" (Austrian National Public Television, ORF2), June 21, 2011

Interview and person featured in article "Das Interesse für das Menschsein war immer schon da", in "Vorarlberger Nachrichten" (newspaper), June 23, 2011, <http://www.vol.at/das-interesse-fuer-das-menschsein-war-immer-schon-da/news-20110621-10164120>

Interview and person featured in article "Dem Gutsein auf der Spur" ("Investigating the meaning of being good"), in "Vorarlberger Nachrichten" (daily newspaper), June 20, 2011.

Feature and interview about brain research in "Vienna Review" (magazine), April, 2011, (<http://www.viennareview.net/ideas-and-trends/s-o-s-scan-our-soul>)

Radio interview for OE1 ("Ich bei mir", Austrian National Radio), April 2011.

Radio interview for OE1 ("Leporello", Austrian National Radio), March 2011.

Radio interview for OE1 (Austrian National Radio) on guilt, social emotions, and determinism, January, 2011.

Interview in "Wienerin" (Austrian magazine), March, 2011, <http://typischich.at/home/gesundheit/psyche/614502/Gut-sein-lassen>

Featured in article "Nichts für Klaustrophobe", in "Journal – Die Zeitschrift der Universität Zürich" (magazine of the University of Zurich), December, 2010.

Featured in article "Der Spiegel in uns", in GEOkompakt "Gut + Böse", November 2010.

Referenced in article "Postgraduate Center: Wissen, wo Mienenfelder sind", in "Die Presse" (Austrian newspaper), September, 24, 2010.

Featured in article "Kopfzirkus", in "Profil" (Austrian news magazine), January 18, 2010.

Featured in article "Empathie – Streit um das soziale Gehirn", in "Sueddeutsche Zeitung" (German newspaper), January 4, 2010 ["Empathy – arguing about the social brain"]

Featured in article „Denken, wie andere denken“, in "Sonntagszeitung" (Swiss newspaper), December 20, 2009.

Feature in Alpbach News on "Biological bases of trust and social decision making", Forum Alpbach News, September 24, 2009.

Article on science.orf.at, "Empathie als flexibles Phänomen", August, 21, 2009, <http://ecards.orf.at/news/156597.html> ["Empathy as a malleable phenomenon"]

Referenced in an article on NationalJournal Magazine, "Do gender and race mean greater empathy?", July 11, 2009.

Interview aired on OE3 (Austrian radio station), on "train your brain", Mai 18, 2009.

Referenced in "Der Standard - Online" (Austrian newspaper), in an article on "brain, emotions and career development", Mai 18, 2009.

Referenced in "Salzburger Nachrichten" (Austrian newspaper), Mai 23, in an article on „empathy and executive coaching“, 2009.

Article: Lamm, C. (2004). Die Neurobiologie der Sucht - Verlangen statt Lust? ORF-Science, October 25, 2004, <http://science.orf.at/science/news/128821> [Neurobiology of addiction - desire rather than satisfaction?]

Teaching Record

Overview of teaching activities

I consider teaching an essential and inspiring part of my life as an academic. As of my appointment as Full Professor at the University of Vienna (09/2010), I have been regularly teaching the following courses, on the following levels (Bachelor, Master, and Ph.D.):

Bachelor level:

Full and sole responsibility for lecture series (~15 lectures, and at least four written exams) in "Biological Psychology I+II" (*Vorlesung "Biologische Psychologie I+II"*), since winter term 2022 renamed into "Biological Psychology" and "Cognitive-Affective Neurosciences" (*Vorlesung "Biologische Psychologie" und Vorlesung "Kognitiv-Affektive Neurowissenschaften"*) ~600 students

In this lecture series, I also use e-tutoring (consulting and exchange forum using an e-learning platform) and online and offline lecture streaming, which is well received by the students

One unit in lecture series "StEOP: Introduction to Scientific Thinking" (*Vorlesung "StEOP: Einführung in wissenschaftliches Denken"*), taught together with several other colleagues from the Faculty), ~600 students

Master's and Diploma degree level:

Seminar: 4 units in "Research Approaches in Cognitive Psychology and in Neurosciences" (taught together with three other colleagues from Cognitive Psychology and Methods), ~ 25 students

Seminar: 4 units in "Special Topics in Cognitive Psychology and in Neurosciences" (taught together with three other colleagues from Cognitive Psychology and Methods), ~ 25 students

Seminar: 4 units in "Methods and Techniques of Cognitive Psychology and Neurosciences - *Vertiefungsseminar*" (taught together with three other colleagues from Cognitive Psychology and Methods), ~ 25 students
Seminar: full and sole responsibility for in "Research seminar for master's students" (*Forschungsseminar für Fortgeschrittene*), ~40 students (continuous supervision of students writing master's thesis in Biological Psychology)
Lecture: one unit in "MEi:CogSci Cognitive Science Lecture Series"

Doctoral program level:

Seminar: "Research seminar for doctoral students" (*Dissertantenseminar*, taught together with two other colleagues from Cognitive Psychology). For this seminar we developed a new format of intense group exchange meetings, plus state of the art methods lectures (also with invited external researchers offering tutorials). The seminar also serves to connect the different research groups at the Department of Basic Psychological Research and Research Methods, and to foster scientific exchange between the students, post-docs, and PIs.

Moreover, I have been teaching an intense "Scientific Readings" Seminar twice (~25 students), which is not part of the curriculum anymore. In this seminar I had used a new format for the seminar paper, which was that students had to write a research proposal. While perceived as extremely challenging by some, the overall feedback I received was very positive, as this type of assignment enables students not only to act as "science consumers", but also to attain some insights into the processes of science "production".

I also taught a two-week seminar on "Social Neuroscience" in the OPEN Mind Program in Cognitive Science at the University of Bukarest, Romania, and was teaching at several summer schools in Belgium, Greece, and Italy.

Student supervision and mentoring:

Several of my previous post-docs and junior collaborators are now holding high-level positions within as well as outside academia (e.g. Professorship at University of Oslo, Head of Department University of Applied Sciences St. Pölten, junior research group Slovak Academy of Sciences). 10+ Ph.D. students so far graduated under my supervision or co-supervision, and a majority of them have received prestigious awards for their doctoral work. More than 50 Master's/Diploma students graduated under my supervision, and several of them have become highly successful Ph.D. students in high-level international Ph.D. programs (such as University College London, University of Zurich, Hamburg University, CEU Budapest). I am currently supervising five Ph.D. students and 10 Master's students.