

# CURRICULUM VITAE

## Prof. Dr. Tania Singer

Scientific Head

Social Neuroscience Lab  
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### Education

2000 Ph.D. ("*summa cum laude*") in Psychology, Free University of Berlin, Germany  
1996 M.Sc. [Diplom] in Psychology, Technical University of Berlin, Germany  
1992 B.Sc. [Vordiplom] in Psychology, Philipp University Marburg, Germany

### Professional Career

#### Positions

since 01/2019 Scientific Head, Social Neuroscience Lab, Max Planck Society, Berlin, Germany  
since 01/2011 Honorary Research Fellow, Laboratory for Social and Neural Systems Research, University of Zurich, Switzerland  
01/2010 – 12/2018 Director, Department of Social Neuroscience, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany  
07/2010 Visiting Professor, La Sapienza University Rome, Italy  
11/2008 – 08/2010 Inaugural Chair of Social Neuroscience and Neuroeconomics, University of Zurich, Switzerland  
05/2008 Visiting Professor, La Sapienza University Rome, Italy  
08/2007 – 08/2010 Co-Director, Laboratory for Social and Neural Systems Research, University of Zurich, Switzerland  
05/2006 – 10/2008 Assistant Professor of Social Neuroscience and Neuroeconomics, University of Zurich, Switzerland  
02/2005 – 04/2006 Research Fellow, Institute of Cognitive Neuroscience, London, United Kingdom. Principal Investigator: Prof. Uta Frith  
02/2003 – 01/2005 Research Fellow, Wellcome Department of Imaging Neuroscience, London, United Kingdom. Principal Investigator: Prof. Chris Frith  
02/2002 – 01/2003 Visiting Fellow, Wellcome Department of Imaging Neuroscience, London, United Kingdom  
11/2000 – 01/2002 Research Scientist, Max Planck Institute for Human Development, Center for Lifespan Psychology, Berlin, Germany  
07/1996 – 06/2000 Predoctoral Research Fellow, Max Planck Institute for Human Development, Berlin, Germany

Offers

2009	Director, Department of Social Neuroscience, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany (accepted)
2008	Inaugural Chair of Social Neuroscience and Neuroeconomics, University of Zurich, Switzerland (accepted)
2008	Chair (W3), Cluster of Excellence "Languages of Emotion" at Free University Berlin, Germany (declined)
2008	Sarlo-Ekman Endowed Chair, University of California, San Francisco, USA (declined)
2006	Assistant Professor of Social Neuroscience and Neuroeconomics, University of Zurich, Switzerland (accepted)
2006	Assistant Professor (tenure track), McGovern Institute for Brain Research, Massachusetts Institute of Technology (MIT), Cambridge, MA, USA (declined)
2006	Assistant Professor (tenure track), Psychology Department, University of Groningen, the Netherlands (declined)
2006	Lecturer, School of Psychology, Bangor University, Wales, United Kingdom (declined)
2006	Lecturer, Department of Psychology, University College London, United Kingdom (declined)

**Grants and Awards**

2018	Bellagio Center Residency, The Rockefeller Foundation, New York, NY, USA
2018	Spring 2018 Bogliasco Fellowship, The Bogliasco Foundation, New York, NY, USA
2018	Tania Singer has been elected by the German <i>ManagerMagazin</i> to be one of the 100 most influential women in economy
2016	Tania Singer has been elected by the German <i>ManagerMagazin</i> to be one of the 75 most influential women in economy
2015	Tania Singer has been elected by the German <i>ManagerMagazin</i> to be one of the 50 most influential women in economy
2014 – 2018	Grant of Bundesministerium für Bildung und Forschung (BMBF), Bonn, Germany, on Research project P4 ("Modulatory effects of oxytocin treatment on higher-order social cognition in ASD", Co-PIs Philipp Kanske, Sören Krach, Frieder Paulus) of the ASD-net ("Autism Spectrum Disorder across the lifespan: From a better etiological understanding, through valid diagnosis, to more effective health care"; EUR 354,517)
2013 – 2017	Grant from the Institute for New Economic Thinking (INET) on "From homo economicus towards caring economics" together with Prof. Dr. Dennis Snower, New York, NY, USA (EUR 784,440)
2010 – 2011	Grant from the National Centre of Competence in Research (NCCR) on Neural Plasticity and Repair, Zurich, Switzerland (CHF 25,000)
2009 – 2012	Grant from the Foundation for Scientific Research of the University of Zurich, Switzerland (CHF 13,000)
2009 – 2010	Grant from the National Centre of Competence in Research (NCCR) on Neural Plasticity and Repair, Zurich, Switzerland (CHF 75,000)
2008 – 2014	Starting Grant from the European Research Council (ERC; EUR 1,500,000)
2008 – 2010	Grant from the Betty and David Koetser Foundation for Brain Research, Zurich, Switzerland (CHF 146,475)

2008 – 2010	Grant from the Neuroscience Center Zurich (ZNZ), Switzerland (CHF 142,800)
2008 – 2011	Grant from the Swiss National Science Foundation (SNF; CHF 296,000)
2007 – 2011	Grant from the National Centre of Competence in Research (NCCR) on Neural Plasticity and Repair, Zurich, Switzerland (CHF 196,666)
2007 – 2010	Grant from the National Centre of Competence in Research (NCCR) for the Affective Sciences, Geneva, Switzerland (CHF 140,000)
2004	Grant for a Novartis Symposium "Empathy and Fairness: Neuronal, Psychological and Developmental Basis" by Singer, Blakemore, Frith, and Frith; held in October, 2005, London, United Kingdom
2003 – 2005	Grant from the German Academy of Sciences Leopoldina, Halle, Germany
2001	Otto Hahn Medal of the Max Planck Society for best dissertation of the year 2000

### **Board, Fellowships, and Scientific Committee Memberships**

2020 - present	Member, Interdisciplinary Forum Neurourbanistics, Berlin, Germany
2020 – present	Advisory Board Member, Vivir Agradecidos Foundation, Buenos Aires, Argentina
2019 – present	Ambassador Gemeinwohl Ökonomie (GWÖ), Austria
2018 – present	Honorary Board Member, Mind & Life Europe, Winterthur, Switzerland
2017 – present	Fellow, International Positive Psychology Association (IPPA), Melbourne, Australia
2015 – present	Honorary Membership, Österreichischer Bundesverband für Achtsamkeit/Mindfulness (ÖBAM), Hellwang, Austria
2014 – present	Advisory Group Member, European New Economics Research & Policy Network
2014 – 2018	Board Member, Mind & Life Europe, Winterthur, Switzerland
2013 – present	Advisory Board Member, Human Mind Project, London, United Kingdom
2013 – present	Member, Young Academy of Europe (YAE), Europe
2012 – 2018	Board Member, Mind & Life Institute (MLI), Charlottesville, VA, USA
2012 – 2014	Member, European Advisory Committee, Mind & Life Europe, Winterthur, Switzerland
2011 – 2019	Honorary Professor for Social Neurosciences, Faculty of Biosciences, Pharmacy and Biology, University of Leipzig, Germany
2011 – 2019	Honorary Professor for Social Neuroscience, Psychology Department, Faculty of Life Sciences Humboldt-Universität zu Berlin, Germany
2011 – 2018	Board & Faculty Member, International Max Planck Research School on Neuroscience of Communication: Function, Structure and its Plasticity (IMPRS NeuroCom), Leipzig, Germany
2011 – 2016	Member, European Initiative for Integrative Psychological Science, Association for Psychological Science (APS)
2010 – 2019	Faculty and Scientific Council Member, Berlin School of Mind and Brain
2010 – 2011	Principal Investigator, Center for Integrative Life Sciences (CILS), Berlin
2010 – present	Member, Center for Research in Economics, Management, and the Arts (CREMA), Zurich, Switzerland

2009 – present	Advisory Board Member, Center for Compassion and Altruism Research and Education (CCARE), Stanford University School of Medicine, Stanford, CA, USA
2010 – present	Member & Fellow, Association for Psychological Science (APS)
2010 – present	Fellow, Mind & Life Institute (MLI), Hadley, MA, USA
2006 – present	Associate Member, Institut Jean Nicod, Paris, France
2006 – 2010	Associate, Swiss Centre for Affective Sciences, Geneva, Switzerland

### Memberships in Scientific Organizations

2013 – 2014	Member, Association for the Scientific Study of Consciousness (ASSC)
2012 – present	Member, Social and Affective Neuroscience Society (SANS)
2011 – present	Member, Society for Neuroeconomics
2011 – present	Member, Society for Social Neuroscience (S4SN)
2010 – present	Member, Association for Psychological Science (APS)
2010 – present	Member, German Neuroscience Society (NWG)
2010 – present	Member, German Psychological Society (DGPs)
2010 – present	Member, Society for Personality and Social Psychology (SPSP)
2009 – present	Member, Organization for Human Brain Mapping (OHBM)
2009 – present	Member, Leopoldina Academy Circle of Friends, Germany
2009 – present	Member, Society for Neuroscience (SfN)
2009 – 2011	Member, International Brain Research Organization (IBRO)
2008 – present	Member, The New York Academy of Sciences (NYAS)
2007 – present	Member, Cognitive Neuroscience Society (CNS)

### Editorial Activities

#### Journal Editorial Board & Section Editing

2011 – 2017	Consulting Editor, <i>Emotion</i>
2009	Editorial Advisory Board Member, <i>The Year in Cognitive Neuroscience</i>
2008	Section Editor of the Special Section on Empathy, <i>Emotion</i> 8(6)
2008 – 2016	Consulting Editor, <i>Social Cognitive and Affective Neuroscience</i>
2006 – 2008	Associate Editor, <i>Social Cognitive and Affective Neuroscience</i>

#### Ad Hoc Journal Reviewing

<i>Brain</i>	<i>Journal of Cognitive Neuroscience</i>
<i>Brain Research</i>	<i>Journal of Pain</i>
<i>Cerebral Cortex</i>	<i>Nature</i>
<i>Philosophical Transactions of the Royal Society</i>	<i>Nature Communications</i>
<i>Cognitive Brain Research</i>	<i>Nature Neuroscience</i>
<i>Consciousness and Cognition</i>	<i>NeuroImage</i>
<i>Cortex</i>	<i>Neuron</i>
<i>Current Biology</i>	<i>Neuropsychologia</i>
<i>Current Opinion in Neurobiology</i>	<i>Neuroreport</i>
<i>Emotion</i>	<i>Neuroscience &amp; Biobehavioral Reviews</i>
<i>European Journal of Neuroscience</i>	

*Philosophical Transactions of the Royal Society*  
*Physiology*  
*PLoS Biology*  
*PLoS One*  
*Proceedings of the National Academy of Science*  
*Psychological Bulletin*

*Psychological Science*  
*Science*  
*Scientific Reports*  
*Social Cognitive and Affective Neuroscience*  
*Social Neuroscience*  
*The Journal of Neuroscience*  
*Trends in Cognitive Sciences*

### **Organization of Symposia, Meetings, and Conferences**

- 2019 Planning Committee, European Neurophenomenology, Contemplative, and Embodied Cognition Network (ENCECON) Workshop, Schloss Buchenau, Germany
- 2016 Co-Organizer of “Power and care: A Mind & Life dialogue with H.H. the Dalai Lama”, Brussels, Belgium
- 2016 Co-Organizer of the workshop “The European neurophenomenology, contemplative, and embodied cognition network (ENCECON)”, Château de la Bourlie, France
- 2016 Co-Organizer of the symposium “Frontiers in cognitive neuroscience”, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 2016 Co-Organizer of the symposium “Frontiers in computational neuroscience”, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 2014 Organizer of the workshop “Cutting edge research on human development: Learning, social cognition, action, and emotion”, Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- 2013 Co-Organizer of the “Mind & Life European symposium for contemplative studies”, Berlin, Germany
- 2012 Steering Committee Member of the 2012 International Symposia for Contemplative Studies, Denver, CO, USA
- 2011 Organizer of the workshop “How to train compassion”, Berlin, Germany
- 2010 Co-organizer of the Laboratory for Social and Neural Systems Research Opening Symposium, University of Zurich, Switzerland
- 2010 Co-organizer of the Mind & Life XX Meeting “Altruism and compassion in economic systems: A dialogue at the interface of economics, neuroscience and contemplative sciences”, Zurich, Switzerland (with H.H. the 14<sup>th</sup> Dalai Lama)
- 2008 Co-organizer of the international symposium “Foundations of human social behavior”, University of Zurich, Switzerland
- 2008 Chair of symposium “A common role of anterior insula in feelings, empathy, and risk?” Annual Meeting of the Cognitive Neuroscience Society (CNS), San Francisco, CA
- 2007 Chair (with Klaus Scherer) of invited symposium “New trends in affective and social sciences”, 10<sup>th</sup> Congress of the Swiss Society of Psychology, “Differences, Diversity, and Change”, Zurich, Switzerland
- 2007 Co-organizer of the NCCR Affective Sciences workshop “Empathy and prosocial behavior: Are they linked?”, Geneva, Switzerland, USA
- 2005 Co-organizer of an ICN symposium “Empathy and fairness”, Institute of Cognitive Neuroscience (ICN), London, United Kingdom
- 2005 Co-organizer of the Novartis symposium “Empathy and fairness”, London, United Kingdom

## **Selected Media Coverage**

### Selected international media (TV and print)

*ARTE, NBC TV, ABC TV, BBC News 24, BBC World Service, BBC Radio 4 and 5, London Broadcast, Financial Times, Huffington Post, La Libre, Le Point, Le Figaro, National Geographic, Neue Züricher Zeitung, New Scientist, San Francisco Chronicle, St. Galler Tagblatt, The Guardian, The New York Times, The Times, Tribune de Genève, Science Magazine*

### German print media

*Berliner Zeitung, Die ZEIT, Die WELT, Der Spiegel, Der Tagesspiegel, EMMA, ManagerMagazin, Frankfurter Allgemeine Zeitung, Frankfurter Rundschau, Gehirn und Geist, GEO, Handelsblatt, Leipziger Volkszeitung, Max Planck Journal, Psychologie Heute, National Geographic, Süddeutsche Zeitung, Thüringische Landeszeitung, Vogue, WirtschaftsWoche*

### German TV Channels and Radio

*ARTE, BR-Alpha, 3sat, MDR, NDR, RBB, SF1, TSR1, ZDF  
Deutschlandradio, ORF1, rbbKultur*

### Online media

*FOCUS Online, heute.de, Huffington Post, New Scientist, Project Syndicate, Science Daily, Psychology Today, Tagesspiegel Online, ZEIT Online*

### Podcast

*Sidewalktalks, Weiter.Denken.Ordnem.Gestalten (AHG)*

## **Teaching Experience**

- January 2020 “The Neuroscience of Empathy, Compassion and Prosociality: Lessons from the ReSource Project”, Diplôme Universitaire de Médecine Méditation et Neurosciences”, Mont St. Odile, France
- June 2019 “Beyond Mindfulness: A Social Neuroscience Perspective on How to Cultivate Mind and Heart” Cortona Week Summerschool, Todi, Italy
- January 2019 “The Neuroscience of Empathy, Compassion and Prosociality: Lessons from the ReSource Project”, Diplôme Universitaire de Médecine Méditation et Neurosciences”, Mont St. Odile, France
- June 2017 “Plasticity of the Social Brain: Effects of a One-year Mental Training Study on Social Connectedness, Compassion, Theory of Mind, Social Stress and the Body” Mind & Life Summer Research Institute Garrison Institute, Garrison, New York, USA
- February 2017 “Lessons from the ReSource Project: Effects of a One-Year Mental Training on Brain Plasticity, Compassion, Perspective Taking, Attention, Stress, Interoception and Prosocial Behavior” Oxford Mindfulness Center, Oxford, UK
- August 2015 “Lessons from the ReSource Project: How can we get from the cultivation of consciousness, brain, and behavior to a more caring society?” European ReSearch Summer School (ESRI), Chiemsee, Germany
- Winter 2014/15 “When socio-affective neurosciences meets decision sciences: The puzzle of understanding and cooperating with others”, Humboldt University and Berlin School of Mind and Brain School, Berlin, Germany
- Winter 2014/15 Mini-course (graduate level), Department of Economics, University of Zurich, Switzerland

- August 2014 “Integrating First- and Third-Person Perspective in Contemplative Neuroscience: Examples and Challenges” European Research Summer School (ESRI), Chiemsee, Germany
- Winter 2011/12 „Empathie – Wie kann sich der Mensch mental und emotional in andere hineinversetzen?“, Ringvorlesung „Miteinander – Füreinander? Sozialverhalten von Menschen und Affen“, Georg August University Göttingen, Germany
- Spring 2010 “Introduction to neuroeconomics and social neuroscience” (undergraduate level), University of Zurich, Switzerl. (with Grit Hein, Susanne Leiberg, Nikolaus Steinbeis)
- Spring 2010 “Foundations of human social behavior” (post-graduate level) University of Zurich, Switzerland (with Ernst Fehr, Klaas Enno Stephan)
- Fall 2009 “Introduction to Neuroeconomics and Social Neuroscience” (undergraduate level) University of Zurich (with Grit Hein, Susanne Leiberg, Nikolaus Steinbeis)
- Fall 2009 “Social neuroscience” (graduate level), University of Zurich, Switzerland
- Fall 2009 “Frontiers in social neuroscience and neuroeconomics” (post-graduate level) University of Zurich, Switzerland (with Ernst Fehr, Klaas Enno Stephan)
- Fall 2009 “Foundations of human social behavior” (post-graduate level) University of Zurich (with Ernst Fehr, Markus Heinrichs, Klaas Enno Stephan)
- May 2009 3<sup>rd</sup> Cargèse Summer School on Consciousness (“Self-consciousness and Consciousness of others”), Institut d’Etudes Scientifiques de Cargèse, Corsica, France
- Spring 2009 “Social neuroscience” (graduate level), University of Zurich, Switzerland (with Olga Klimecki, Romana Snozzi)
- Spring 2009 “Foundations of human social behavior” (post-graduate level), University of Zurich (with Ernst Fehr, Markus Heinrichs, Klaas Enno Stephan)
- Fall 2008 “Social neuroscience” (graduate level), University of Zurich, Switzerland
- Fall 2008 “Frontiers in social neuroscience and neuroeconomics” post-graduate level), University of Zurich (with Ernst Fehr, Markus Heinrichs, Klaas Enno Stephan)
- Fall 2008 “Foundations of human social behavior” (post-graduate level), University of Zurich (with Ernst Fehr, Markus Heinrichs, Klaas Enno Stephan)
- Jun 2008 Mind & Life Summer Research Institute, Garrison Institute, Garrison, New York, USA
- Spring 2008 “Social neuroscience” (graduate level), University of Zurich, Switzerland
- Spring 2008 “Foundations of human social behavior” (post-graduate level), University of Zurich (with Ernst Fehr, Markus Heinrichs, Klaas Enno Stephan)
- Fall 2007 “Social neuroscience” (graduate level), University of Zurich, Switzerland
- Fall 2007 “Foundations of human social behavior” (post-graduate level), University of Zurich (with Ernst Fehr, Markus Heinrichs)
- Jul 2007 MRC/CSHL Summer Workshop “The biology of social cognition”, St. Anne’s College, University of Oxford, United Kingdom
- Jul 2007 5<sup>th</sup> European Neuro-IT and Neuroengineering School “Cognition & Action”, Hanse Institute for Advanced Study (HWK), Delmenhorst, Germany
- Spring 2007 “Social neuroscience” (graduate level), University of Zurich, Switzerland
- Spring 2007 “Foundations of human social behavior” (post-graduate level), University of Zurich, Switzerland (with Ernst Fehr, Markus Heinrichs, and Michael Kosfeld)
- Dec 2006 PENS-Hertie Winter School “Brain basis of social interaction: From concepts to imaging”, Kitzbühel, Austria

- 2005 – 2006 Organizer of the “Social Club” series, Institute of Cognitive Neuroscience, London, United Kingdom
- 2002 – 2003 Organizer of the “Brain meeting” series, Wellcome Department of Imaging Neuroscience, London, United Kingdom

### Research Interests

- Social and affective neuroscience (brain plasticity, social decision-making, development of social cognition, psychopathology of the social brain)
- Neuroeconomics, caring economics and cooperation research
- Contemplative neuroscience, meditation and mindfulness research
- Multi-method approach (functional and structural MRI, rt-fMRI, TMS, behavioral methods, hormonal and autonomic measures, game theoretical and neuroeconomic paradigms, subjective measures and phenomenology, virtual reality paradigms)

### Publications

#### Books

- 8 Ricard, M., **Singer, T.**, & Karius, K. (Hgs.) (2019). *Die Macht der Fürsorge. Wissenschaft und Buddhismus in Dialog mit dem Dalai Lama*. KNAUR.LEBEN.
- 7 Ricard, M., **Singer, T.**, & Karius, K. (Hgs.) (2019). *Power and care. Toward balance for our common future – Science, society, and spirituality. In dialogue with the Dalai Lama*. Boston, MA: MIT Press.
- 6 Ricard, M., **Singer, T.**, & Karius, K. (2018). *Pouvoir et altruisme*. Paris: Allary Éditions.
- 5 **Singer, T.**, Kok, B. E., Bornemann, B., Zurborg, S., Bolz, M., & Bochow, C. (2016). *The ReSource Project: Background, design, samples, and measurements*. Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig.
- 4 **Singer, T.**, & Ricard, M. (Hgs.) (2015). *Caring economics: Conversations on altruism and compassion, between scientists, economists, and the Dalai Lama (pp. 240)*. New York: Picador.
- 3 **Singer, T.**, & Ricard, M. (Hgs.) (2015). *Mitgefühl in der Wirtschaft. Ein bahnbrechender Forschungsbericht (pp. 255)*. München: Knaus.
- 2 **Singer, T.**, & Bolz, M. (Hgs.) (2013). *Compassion: Bridging practice and science*. Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- 1 **Singer, T.**, & Bolz, M. (Hgs.) (2013). *Mitgefühl: In Alltag und Forschung*. Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.

#### Articles in Refereed Journals

- 127 Tholen, M.G., Trautwein, F.-M., Böckler, A., Kanske, P. & **Singer, T.** (accepted). fMRI item analysis of empathy and theory of mind. *To appear in HBM*.
- 126 Grosse Wiesmann, C., Friederici, A.D., Steinbeis, N., & **Singer, T.** (accepted). Two different systems for thinking about other people’s thoughts in the developing brain. *To appear in PNAS*.
- 125 Trautwein, F., Kanske P., Böckler-Raettig, A. & **Singer, T.** (2020). Differential Benefits of Mental Training Types for Attention, Compassion, and Theory of Mind. *Cognition*, 194. doi: 10.1016/j.cognition.2019.104039



- 124 Puhlmann, L.M.C., Engert, V., Apostolakou, E., Papassotiriou, I., Chrousos, G. P., Vrtička, P. & **Singer, T.** (2019). Only vulnerable adults show change in chronic low-grade inflammation after contemplative mental training: evidence from a randomized clinical trial. *Scientific Reports*, 9(1). 1-12. doi:10.1038/s41598-019-55250-3
- 123 Puhlmann, L.M.C., Valk, S.S., Engert, V., Bernhardt, B.C., Lin, J., Epel, E.S., Vrtička & **Singer, T.** (2019). Association of Short-Term Change in Telomere Length with Cortical Thickness Changes and Effects of Mental Training Among Healthy Adults: A randomised clinical trial. *JAMA Network Open* 2 (9): e199687. doi:10.1001/jamanetworkopen.2019.9687
- 122 Przyrembel, M., Vrticka, P., Engert, V. & **Singer, T.** (2019). Loving-Kindness-Meditation – A Queen of Hearts? Physio-Phenomenological Investigation on the Variety of experience. *Journal of Consciousness Studies*, 26(7,8). 95-129.
- 121 Preckel, K., Trautwein, F. M., Paulus, F. M., Kirsch, P., Krach, S., **Singer, T.**, & Kanske, P. (2019). Neural mechanisms of affective matching across faces and scenes. *Scientific reports*, 9(1), 1492.
- 120 Bornemann, B., Kovacs, P., & **Singer, T.** (2019). Voluntary upregulation of heart rate variability is improved by mental contemplative training. *Scientific Reports*, 9:7860. doi:10.1038/s41598-019-44201-7
- 119 Linz, R., Puhlmann, L. M. C., Apostolakou, F., Mantzou, E., Papassotiriou, I., Chrousos, G. P., ... & **Singer, T.** (2019). Acute psychosocial stress increases serum BDNF levels: an antagonistic relation to cortisol but no group differences after mental training. *Neuropsychopharmacology*, 1. doi: 10.1038/s41386-019-0391-y
- 118 **Singer, T.**, & Engert, V. (2019). It matters what you practice: Differential training effects on subjective experience, behavior, brain and body in the *ReSource Project*. *Current Opinion in Psychology*, 28, 151–158.
- 117 Banzhaf, C., Hoffmann, F., Kanske, P., Fan, Y., Walter, H., Spengler, S., Schreiter, S., **Singer, T.** & Bermpohl, F. (2018). Interacting and dissociable effects of alexithymia and depression on empathy. *Psychiatry Research*, 270, 631–638. doi: 10.1016/j.psychres.2018.10.045.
- 116 Böckler, A., Tusche, A., Schmidt, P., & **Singer, T.** (2018). Distinct mental trainings differentially affect altruistically motivated, norm motivated, and self-reported prosocial behaviour. *Scientific Reports*, 8:13560. doi: 10.1038/s41598-018-31813-8
- 115 Böckler, A., Tusche, A., & **Singer, T.** (2018). The structure of human prosociality revisited: Corrigendum and addendum to Böckler, Tusche, and Singer (2016). *Social Psychological and Personality Science*, 9(6), 754–759. doi: 10.1177/1948550617722200
- 114 Engen, H. G., Bernhardt, B. C., Skottnik, L., Ricard, M., & **Singer, T.** (2018). Structural changes in socio-affective networks: Multi-modal MRI findings in long-term meditation practitioners. *Neuropsychologia*, 116(A), 26–33. doi: 10.1016/j.neuropsychologia.2017.08.024.
- 113 Engen, H., Kanske, P., & **Singer, T.** (2018). Endogenous emotion generation ability is associated with the capacity to form multimodal internal representations. *Scientific Reports*, 8:1953. doi: 10.1038/s41598-018-20380-7
- 112 Engert, V., Kok, B., Puhlmann, L., Stalder, T., Kirschbaum, C., Papanastasopoulou, C., Papassotiriou, I., Pervanidou, P., Chrousos, G. P., & **Singer, T.** (2018). Exploring the multidimensional complex systems structure of the stress response and its relation to health and sleep outcomes. *Brain, Behavior, and Immunity*, 73, 390–402. doi: 10.1016/j.bbi.2018.05.023.
- 111 Engert, V., Ragsdale, A., & **Singer, T.** (2018). Cortisol stress resonance in the laboratory is associated with inter-couple diurnal cortisol covariation in daily life. *Hormones and Behavior*, 98, 183–190. doi: 10.1016/j.yhbeh.2017.12.018
- 110 Grosse Wiesmann, C., Friederici, A. D., Disla, D., Steinbeis, N., & **Singer, T.** (2018). Longitudinal evidence for 4-year-olds' but not 2- and 3-year-olds' false belief-related action anticipation. *Cognitive Development*, 46, 58–68. doi: 10.1016/j.cogdev.2017.08.007

- 109 Hildebrandt, L. K., McCall, C., & **Singer, T.** (2018). Socio-affective versus socio-cognitive mental trainings differentially affect emotion regulation strategies. *Emotion*. Advance online publication. doi:10.1037/emo0000518
- 108 Linz, R., **Singer, T.**, & Engert, V. (2018). Interactions of momentary thought content and subjective stress predict cortisol fluctuations in a daily life experience sampling study. *Scientific Reports*, 8:15462. doi:10.1038/s41598-018-33708-0
- 107 Lumma, A.-L., Valk, S. L., Böckler, A., Vrticka, P., & **Singer, T.** (2018). Change in emotional self-concept following socio-cognitive training relates to structural plasticity of the prefrontal cortex. *Brain and Behavior*, 8(4):e00940. doi:10.1002/brb3.940
- 106 Mendes, N., Steinbeis, N., Bueno-Guerra, N., Call, J., & **Singer, T.** (2018). Preschool children and chimpanzees incur costs to watch punishment of antisocial others. *Nature Human Behaviour*, 2, 45–51. doi: 10.1038/s41562-017-0264-5
- 105 Preckel, K., Kanske, P., **Singer, T.** (2018). On the interaction of social affect and cognition: empathy, compassion and theory of mind. *Current Opinion in Behavioral Sciences*, 19, 1–6. doi:10.1016/j.cobeha.2017.07.010
- 104 Przyrembel, M., & **Singer, T.** (2018). Experiencing meditation – Evidence for differential effects of three contemplative mental practices in micro-phenomenological interviews. *Consciousness and Cognition*, 62, 82–101. doi: 10.1016/j.concog.2018.04.004
- 103 Böckler, A., Herrmann, L., Trautwein, F.-M., Holmes, T., & **Singer, T.** (2017). Know thy selves: Learning to understand oneself increases the ability to understand others. *Journal of Cognitive Enhancement*, 1(2), 197–209. doi: 10.1007/s41465-017-0023-6
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#### Book chapters

- 33 Engen, H. G., & **Singer, T.** (2018). Deconstructing social emotions: Empathy and compassion and their relation to prosocial behavior. In A.S. Fox, R.C. Lapate, A.J. Shackman, R.J. Davidson (Eds.), *The nature of emotion* (2<sup>nd</sup> ed., pp. 172–177). New York, NY: Oxford University Press.
- 32 Engen, H. G., & **Singer, T.** (2018). Fighting fire with fire: Endogenous emotion generation as a means of emotion regulation. In A.S. Fox, R.C. Lapate, A.J. Shackman, R.J. Davidson (Eds.), *The nature of emotion* (2<sup>nd</sup> ed., pp. 233–237). New York, NY: Oxford University Press.
- 31 Klimecki, O. M., & **Singer, T.** (2017). The compassionate brain. In E. M. Seppälä, E. Simon-Thomas, S. L. Brown, M. C. Worline, C. D. Cameron, & J. R. Doty (Eds.), *The Oxford handbook of compassion science* (pp. 109–120). New York: Oxford University Press.



- 30 **Singer, T.** (2017). I feel your pain: The social neuroscience of empathy and compassion. In W. Hasenkamp, & J. R. White (Eds.), *The monastery in the microscope: Conversations with the Dalai Lama on mind, mindfulness, and the nature of reality* (pp. 234–269). New Haven, CT: Yale University Press.
- 29 Vrticka, P., Favre, P., & **Singer, T.** (2017). Compassion and the brain. In P. Gilbert (Ed.), *Compassion: Concepts, research and applications* (pp. 135–150). London, UK: Routledge.
- 28 Chierchia, G., & **Singer, T.** (2016). The neuroscience of compassion and empathy and their link to prosocial motivation and behavior. In J.-C. Dreher, & L. Tremblay (Eds.), *Decision neuroscience – An integrative perspective* (pp. 247–257). San Diego, CA: Elsevier.
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- 26 Klimecki, O. M., & **Singer, T.** (2015). *Compassion*. In A. W. Toga (Ed.), *Brain mapping: An encyclopedic reference, Vol. 3* (195–199) Oxford: Elsevier.
- 25 **Singer, T.** (2015). Perspektiven der Empathie- und Compassion-Forschung. In J. Nida-Rümelin, I. Spiegel, & M. Tiedemann (Eds.), *Handbuch der Philosophie und Ethik* (pp. 256–264). Paderborn: Ferdinand Schöningh.
- 24 Bornemann, B., & **Singer, T.** (2013). A cognitive neuroscience perspective - The ReSource model. In T. Singer, & M. Bolz (Eds.), *Compassion: Bridging practice and science* (pp. 296–324). Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- 23 Bornemann, B., & **Singer, T.** (2013). The ReSource training protocol. In T. Singer, & M. Bolz (Eds.), *Compassion: Bridging practice and science* (pp. 768–792). Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- 22 Bornemann, B., & **Singer, T.** (2013). What we do (not) mean by training. In T. Singer, & M. Bolz (Eds.), *Compassion: Bridging practice and science* (pp. 54–57). Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- 21 Klimecki, O. M., Ricard, M., & **Singer, T.** (2013). Empathy versus compassion – Lessons from 1<sup>st</sup> and 3<sup>rd</sup> person methods. In T. Singer, & M. Bolz (Eds.), *Compassion: Bridging practice and science* (pp. 464–487). Retrieved from <http://www.compassion-training.org>. Leipzig: Max Planck Institute for Human Cognitive and Brain Sciences.
- 20 Klimecki, O., & **Singer, T.** (2013). Empathy from the perspective of social neuroscience. In J. Armony, & P. Vuilleumier (Eds.), *The Cambridge handbook of human affective neuroscience* (pp. 533–551). New York: Cambridge University Press.
- 19 Leiberg, S., & **Singer, T.** (2013). Empathie. In E. Schroeger, & S. Koelsch (Eds.), *Enzyklopädie der Psychologie: Affektive und Kognitive Neurowissenschaft, Vol. 5, Kognition* (pp. 119–154). Göttingen: Hogrefe.
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- 17 **Singer, T.**, & Tusche, A. (2013). Understanding others: Brain mechanisms of Theory of Mind and empathy. In P. W. Glimcher (Ed.), *Neuroeconomics. Decision making and the brain* (2<sup>nd</sup> ed., pp. 513–532). London, UK: Academic Press.
- 16 **Singer, T.**, & Hein, G. (2012). Human empathy through the lens of psychology and social neuroscience. In: de Waal, F. B. M.; Ferrari, P. F. (Eds.), *The primate mind: Built to connect with other minds* (pp. 158 – 174). Cambridge, MA: Harvard University Press.
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  - 11 **Singer, T.**, & Leiberg, S. (2009). Sharing the emotions of others: The neural bases of empathy. In M. S. Gazzaniga (Ed.), *The cognitive neurosciences IV* (pp. 971–984). Cambridge, MA: MIT Press.
  - 10 Snozzi, R., & **Singer, T.** (2009). Empathie aus der Sicht der sozialen Neurowissenschaften [Empathy from a social neuroscientific perspective]. In J. Fehr, & G. Folkers (Eds.), *Gefühle zeigen: Manifestationsformen emotionaler Prozesse* (Edition Collegium Helveticum, Band 5, pp. 97–113). Zurich, Switzerland: Chronos Verlag.
  - 9 Lubell, M. (Rapporteur), Engel, C., Glimcher, P. W., Hastie, R., Rachlinski, J. J., Rockenbach, B., Selten, R., **Singer, T.**, & Weber, E. U. (2008). Institutional design: Capitalizing on the intuitive nature of decision making. In C. Engel & W. Singer (Eds.), *Strüngmann Forum report: Better than conscious? Decision making, the human mind, and implications for institutions* (pp. 413–432). Cambridge, MA: MIT Press.
  - 8 McCabe, K., & **Singer, T.** (2008). Brain signatures of social decision making. In C. Engel & W. Singer (Eds.), *Strüngmann Forum report: Better than conscious? Decision making, the human mind, and implications for institutions* (pp. 103–122). Cambridge, MA: MIT Press.
  - 7 **Singer, T.** (2008). Understanding others: Brain mechanisms of theory of mind and empathy. In P. W. Glimcher, C. F. Camerer, E. Fehr, & R. A. Poldrack (Eds.), *Neuroeconomics: Decision making and the brain* (pp. 233–250). Amsterdam: Elsevier.
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  - 4 **Singer, T.**, Wolpert, D., & Frith, C. (2004). Introduction: The study of social interactions. In C. Frith, & D. Wolpert (Eds.), *The neuroscience of social interaction: Decoding, imitating, and influencing the actions of others* (pp. xiii–xxvii). New York: Oxford University Press.
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  - 2 **Singer, T.** (2000). *Testing-the-Limits in einer mnemonischen Fähigkeit: Eine Studie zur kognitiven Plastizität im hohen Alter* [Testing-the-Limits in a mnemonic technique: A study of cognitive plasticity in very old age]. Doctoral dissertation, Free University of Berlin. Retrievable from <https://refubium.fu-berlin.de/handle/fub188/7875>.
  - 1 **Singer, T.**, & Lindenberger, U. (2000). Plastizität [Plasticity]. In H.-W. Wahl, & C. Tesch-Römer (Eds.), *Angewandte Gerontologie in Schlüsselbegriffen* (pp. 39–43). Stuttgart: Kohlhammer.

Invited Talks | Plenary, Keynote, and Invited Conference Presentations

- Nov 2019 Vivir Agradecidos, Metta-Aprendizaje Project, General Pacheco, Buenos Aires, Argentina
- Nov 2019 Conferencia Bienestar Docente y Neurociencias, Buenos Aires, Argentina
- Nov 2019 Educando a Nuestro Futuro, The Learner Space, Buenos Aires, Argentina
- Nov 2019 Cordoba State University, Cordoba City, Argentina
- Nov 2019 Federal Ministry of Education from Argentina, Buenos Aires, Argentina
- Nov 2019 Red de Escuelas de Aprendizaje, Educational Assessment and New Educational Projects, Buenos Aires Province, Argentina
- Oct 2019 Panel, Contemplative Science Symposium, Mind and Life Europe, Fürstfeldbruck, Germany
- Oct 2019 Panel, Science Art Meditation (SAM), Strasbourg, France
- Oct 2019 Institut Francais du Leadership Positif, Lyon, France
- Oct 2019 Fliedner Clinics, Berlin, Germany
- Aug 2019 Sophien & Hufeland Clinic, Weimar, Germany
- Aug 2019 Webbased Psychotherapy, Fliedner Clinics, Berlin, Germany
- July 2019 Tech Open Air Conference, Berlin, Germany
- June 2019 Wisdom Together Conference, Munich, Germany
- June 2019 Cortona Week 2019, Todi, Italy
- May 2019 Achtsamkeit, Heiligenfelder Kongress, Bad Kissingen, Germany
- Sept 2018 Vivir agradecidos, Buenos Aires, Argentina
- Sept 2018 Neurociencias Contemplativas, Isla El Descanso, Buenos Aires, Argentina
- Sept 2018 Educating our Future, CCK, Buenos Aires, Argentina
- May 2018 Federal Ministry of Defense (Germany)
- Apr 2018 Bogliasco Fellowship, Italy
- Apr 2018 National Institutes of Health (online Roundtable)
- Nov 2017 Contemplative Sciences Center, University of Virginia, Charlottesville, VA, USA
- Nov 2017 Symposium "The science of mindfulness and compassion", Harvard University, Cambridge, MA, USA
- Nov 2017 Massachusetts Institute of Technology, Cambridge, MA, USA
- Nov 2017 Yale Social Current Works Series, Yale University, New Haven, CT, USA
- Nov 2017 MITx ULab Live Session, Cambridge, MA, USA
- Oct 2017 Plenary Talk, Harvard Medical School Interprofessional Education Conference, Boston, MA, USA
- Oct 2017 Internal Family Systems Annual Conference "Self-led activism: Releasing your inner change agent", Providence, RI, USA
- Oct 2017 Center for Healthy Minds, University of Madison-Wisconsin, Madison, WI, USA
- July 2017 5th World Congress on Positive Psychology, Montreal, QC, Canada
- June 2017 Lecture, Mind & Life Summer Research Institute 2017 on Intersubjectivity and Social Connectivity
- May 2017 Lecture, "The brains that pull the triggers – 3<sup>rd</sup> Paris Conference on Syndrom E", Paris, France

- March 2017 Keynote Lecture, 59<sup>th</sup> Conference of Experimental Psychologists (Tagung experimentell arbeitender Psychologen; TeaP), Dresden, Germany
- March 2017 Lecture, The Berkeley Psychophysiology Laboratory, University of California, Berkeley, CA, USA
- March 2017 Keynote Lecture, 10<sup>th</sup> Annual Meeting of the Social and Affective Neuroscience Society (SANS), Los Angeles, CA, USA
- Feb 2017 Workshop, Oxford Masterclass, Oxford Mindfulness Centre, United Kingdom
- Jan 2017 Keynote Lecture, Budapest CEU Conference on Cognitive Development (BCCCD), Budapest, Hungary
- Dec 2016 Keynote Lecture, Hertie Institute for Clinical Brain Research, Tübingen, Germany
- Nov 2016 Talk, Meditation und Wissenschaft, Interdisziplinärer Kongress zur Meditations- und Bewusstseinsforschung, Berlin, Germany
- Nov 2016 Congress of the German Association for Psychiatry, Psychotherapy and Psychosomatics (DGPPN), Berlin, Germany
- Oct 2016 Mindsight Congress, Berlin, Germany
- Oct 2016 Center for Mindfulness, Worcester, MA, USA
- Oct 2016 Center for Mindfulness and Compassion, Somerville, MA, USA
- Oct 2016 Brown University, Providence, RI, USA
- Oct 2016 Center for Compassion and Altruism Research and Education, Harvard Medical School, Boston, MA, USA
- Oct 2016 Institute for Advanced Sustainability Studies e. V. (IASS), Potsdam, Germany
- Sept 2016 Opening of the Leipzig Research Center for Early Child Development (Leipziger Forschungszentrum für frühkindliche Entwicklung), Leipzig, Germany
- Sept 2016 50<sup>th</sup> Congress of German Society for Psychology, Leipzig, Germany
- Sept 2016 Meeting with H. H. the 14<sup>th</sup> Dalai Lama, Strasbourg, France
- Sept 2016 ERC Scientific Seminars, Brussels, Belgium
- Sept 2016 Power and Care Conference. "A Mind & Life Dialogue with H. H. the Dalai Lama", Brussels, Belgium
- April 2016 The European Neurophenomenology, Contemplative, and Embodied Cognition Network (ENCECON), Château de la Bourlie, Urval, France
- Nov 2015 Keynote Lecture, Central Institute of Mental Health (Zentralinstitut für Seelische Gesundheit), Scientific Symposium „WISSEN.SCHAFT.GESUNDHEIT, Mannheim, Germany
- Nov 2015 Global Social Business Summit, Berlin, Germany
- Oct 2015 Global Economic Symposium (GES), Kiel, Germany
- Aug 2015 Mind & Life European Summer Research Institute (ESRI), Chiemsee, Germany
- July 2015 Keynote Lecture, International Society for Research on Emotion (ISRE), Geneva, Switzerland
- June 2015 University of Oxford, United Kingdom
- June 2015 Institute of Government, London, United Kingdom
- June 2015 Institute of Philosophy, School of Advanced Study, University of London, United Kingdom
- June 2015 MRC Social, Genetic, & Developmental Psychiatry (SGDC) Centre, Institute of Psychiatry, King's College London, United Kingdom
- June 2015 Institute of Cognitive Neuroscience, University College London, United Kingdom

- June 2015 Psychotherapeutenkammer, Berlin, Germany
- May 2015 BDVT Camp, Berlin, Germany
- April 2015 4<sup>th</sup> Annual Lecture in Cognitive Science, Colloquium, University of Vienna, Austria
- April 2015 Tage der Utopie, St. Arbogast, Austria
- April 2015 Novartis, Basel, Switzerland
- March 2015 International Convention on Psychological Science (ICPS), Amsterdam, the Netherlands
- Feb 2015 LEAD, Leadership Symposium, Berlin, Germany
- Feb 2015 Berlin symposium "Towards an ecology of life and mind: Bridging being and doing in shifting times", Berlin, Germany
- Jan 2015 45<sup>th</sup> Annual Meeting of the World Economic Forum (WEF), Davos, Switzerland
- Dec 2014 LeWeb, Paris, France
- Dec 2014 DEC Colloquium, Cognitive Science Department, École Normale Supérieure (ENS), Paris, France
- Nov 2014 Congress of the German Association for Psychiatry, Psychotherapy and Psychosomatics (DGPPN), Berlin, Germany
- Nov 2014 8<sup>th</sup> MBSR-MBCT Conference, Leipzig, Germany
- Nov 2014 Colloquium, Department of Psychology, Harvard University, Cambridge, MA, USA
- Nov 2014 Mind & Life Institute, Amherst College, MA, USA
- Nov 2014 Keynote Talk, International Symposium for Contemplative Studies (ISCS), Boston, MA, USA
- Oct 2014 Congress "Brain circuits for positive emotions", Monte Verità, Ascona, Switzerland
- Sept 2014 Wisdom2.0 – Fostering Wisdom & Wellness in the Technology Age, Google, Dublin, Ireland
- Aug 2014 Mind & Life European Summer Research Institute (ESRI) "Towards a contemplative science in Europe", Frauenchiemsee, Germany
- July 2014 Symposium "Vertrauen: Erosion eines Grundpfeilers unseres gesellschaftlichen Zusammenhalts?", Alfred Herrhausen Society, Berlin, Germany
- June 2014 Netzwerktreffen, St. Arbogast, Austria
- June 2014 Satellite Symposium "New perspectives and future directions in social neuroscience", Marburg, Germany
- April 2014 Society for Affective Science (SAS), Washington, DC, USA
- April 2014 2<sup>nd</sup> Spirit of Humanity Forum "The power of love and compassion in governance – Sharing actions for effective change", Reykjavik, Iceland
- Jan 2014 44<sup>th</sup> Annual Meeting of the World Economic Forum (WEF), Davos, Switzerland
- Jan 2014 DLD14 Conference, Munich, Germany
- Oct 2013 Semester Opening Lecture, Berlin School of Mind and Brain, Germany
- Oct 2013 Planning Meeting for a MaxNetIdentity, MPG-Wissenschaftsforum, Berlin, Germany
- Oct 2013 Symposium for Contemplative Studies, Mind & Life Europe, Berlin, Germany
- Oct 2013 Global Economic Symposium (GES), Kiel, Germany
- June 2013 Congress "Achtsamkeit und Mitgefühl in Medizin, Therapie und Gesellschaft", Freiburg, Germany
- June 2013 Symposium "Fostering learning through emotions and immersive environments", Geneva, Switzerland

- May 2013 4<sup>th</sup> International Forum on Buddhism and Medicine “Empathy, compassion and health”, Lerab Ling, France
- May 2013 3<sup>rd</sup> Symposium on Biology of Decision-Making (SBDM), Paris, France
- April 2013 “Processwork meets science – Focus empathy”, Hanuman Institute, Berlin, Germany
- Jan 2013 Delhi University, Delhi, India
- Jan 2013 Mind & Life XXVI Conference “Mind, brain, and matter”, Drepung Monastery, Mundgod, Karnataka, India
- Oct 2012 Global Economic Symposium (GES), Rio de Janeiro, Brazil
- July 2012 ASSC16 Association for the Scientific Study of Consciousness, Brighton, United Kingdom
- June 2012 Technical University of Munich, Germany
- June 2012 Evangelische Stadtakademie, Munich, Germany
- June 2012 Süddeutsche Zeitung Auditorium, Munich, Germany
- June 2012 Ludwig Maximilian University Munich, Germany
- June 2012 Presencing Global Forum, Berlin, Germany
- May 2012 Bauhaus University Weimar, Germany
- Apr 2012 International Symposia for Contemplative Studies, Denver, CO, USA
- Apr 2012 Social & Affective Neuroscience Meeting (SAN), New York, NY, USA
- Mar 2012 Brain Awareness Week, Urania, Berlin, Germany
- Feb 2012 Max Planck Forum, Berlin, Germany
- Feb 2012 Institute Colloquium, Humboldt University Berlin, Germany
- Feb 2012 Bühlerkolloquium, Technical University of Dresden, Germany
- Jan 2012 42<sup>nd</sup> Annual Meeting of the World Economic Forum, Davos, Switzerland
- Oct 2011 MBSR-MBCT Conference 2011, Berlin, Germany
- Oct 2011 International Symposium “Neurobiological correlates of social relations”, Freiburg, Germany
- Sep 2011 Conference “Prendre soin de soi, prendre soin des autres”, Brussels, Belgium
- Sep 2011 43<sup>rd</sup> European Brain and Behaviour Society Meeting, Seville, Spain
- July 2011 Workshop “How to train compassion”, Berlin, Germany
- July 2011 EASP pre-conference “Social psychology and the neurosciences: Perspectives and pitfalls”, Stockholm, Sweden
- July 2011 Conference “Empathy and the blocking of empathy”, Berlin, Germany
- May 2011 Conference “Implications of research on the neuroscience of affect, attachment and social cognition”, London, United Kingdom
- April 2011 Workshop “The social brain”, Cambridge, United Kingdom
- Mar 2011 Conference “Opportunities and challenges in social neuroscience”, Utrecht, the Netherlands
- Mar 2011 Anniversary Symposium of the Freiburger Ausbildungsinstitut für Verhaltenstherapie, Albert Ludwig University Freiburg, Germany
- Feb 2011 4<sup>th</sup> Scientific Meeting for Autism Spectrum Conditions (WTAS), Berlin, Germany
- Feb 2011 Minisymposium “Neuro- und Verhaltensbiologie”, Berlin-Brandenburg Academy of Sciences and Humanities (BBAW), Berlin, Germany
- Feb 2011 Colloquium at the Max Planck Institute for Psychiatry, Munich, Germany

- Jan 2011 41<sup>st</sup> Annual Meeting of the World Economic Forum, Davos, Switzerland
- Jan 2011 6<sup>th</sup> Edition of the Alpine Brain Imaging Meeting, Champéry, Switzerland
- Dec 2010 Conference “New frontiers in brain research”, Berlin, Germany
- Dec 2010 Conference “The second person perspective”, Berlin, Germany
- Nov 2010 Congress “Meditation & Wissenschaft”, Berlin, Germany
- Nov 2010 Symposium “Interacting minds: An interdisciplinary approach to social cognition”, Berlin, Germany
- Nov 2010 Berlin Alexithymia Conference 2010, Germany
- Nov 2010 Falling Walls 2010 – The Berlin Conference on Future Breakthroughs in Science and Society, Berlin, Germany
- Nov 2010 Congress “Anxiété < > Dépression: Dimensions relationnelles”, Association Française des Troubles Anxieux et de la Dépression (AFTAD), Paris, France
- Oct 2010 Laudation, Fairness Stiftung, Frankfurt, Germany
- Oct 2010 Symposium “The embodied mind: Perspectives and limitations”, Radboud University, Nijmegen, the Netherlands
- Sep 2010 INCORE Conference “Cooperation: An interdisciplinary dialogue”, Budapest, Hungary
- June 2010 Nobel Forum, Karolinska Institute (200-year anniversary), Stockholm, Sweden
- May 2010 3<sup>rd</sup> Annual Meeting of the Law and Neuroscience Project (supported by the MacArthur Foundation), Santa Barbara, CA, USA
- May 2010 Center for Compassion and Altruism Research and Education (CCARE) Meng-Wu Lecture Series, Stanford University School of Medicine, Stanford, CA, USA
- May 2010 Sage Center for the Study of the Mind, University of California, Santa Barbara, CA, USA
- April 2010 Mind & Life XX Conference “Altruism and compassion in economic systems: A dialogue at the interface of economics, neuroscience and contemplative sciences”, Zurich, Switzerland
- Mar 2010 “Meditation, empathy, and embodiment” (12<sup>th</sup> Meeting of the Junior Researchers’ Group Philosophy of the Mind), University Hospital Zurich, Switzerland
- Dec 2009 University of Konstanz, Germany
- Aug 2009 Podium discussion “Does meditation influence our brain” with H.H. the 14<sup>th</sup> Dalai Lama and Matthieu Ricard, Frankfurt/Main, Germany
- Jul 2009 Conference “Compassion”, Max Planck Institute for Human Development, Berlin, Germany
- Jun 2009 Conference “Doing emotions: Past, present, and future”, Max Planck Institute for Human Development, Berlin, Germany
- Jun 2009 Conference “The primate mind: Built to connect with other minds” (organized by F.B.M. de Waal, Yerkes National Primate Research Center, Emory University, Atlanta, & P.F. Ferrari, Università degli studi di Parma), Erice, Sicily, Italy
- May 2009 Stockholm Brain Institute Lecture, Karolinska University Hospital, Stockholm, Sweden
- Mar 2009 Compassion Definitions Conference, Stanford University, Stanford, CA, USA
- Jan 2009 Inaugural Conference on Buddhism and Science (with Tenzin Gyatso, H. H. the 14<sup>th</sup> Dalai Lama), Central University of Tibetan Studies, Sarnath, India
- Dec 2008 Conference of the Dutch Scientific Social Psychology Association, VU University Amsterdam, the Netherlands

- Nov 2008 Symposium "Cognitive neuroscience: From molecule to man" (on the occasion of the opening of the Donders Institute for Brain, Cognition and Behaviour), Radboud University Nijmegen, the Netherlands
- Nov 2008 Conference "Values and empathy across social barriers: A neurocognitive approach to fairness: The first Barcelona social neuroscience conference" (organized by the New York Academy of Sciences, the Fundació Catalana per a la Recerca i la Innovació, the Càtedra UAB "el cervell social" and the European Science Foundation), Fundació "La Caixa", The Science Museum of the Caixa Foundation, Barcelona, Spain
- Oct 2008 2<sup>nd</sup> Annual Conference on Happiness & Its Causes, World Happiness Forum, London, United Kingdom
- Sep 2008 European Science Foundation Exploratory Workshop on Mirror Neurons and Social Cognition, Turin, Italy
- Sep 2008 Cortona 2008: "Belief vs. knowledge", Cortona, Italy
- Aug 2008 8<sup>th</sup> International Congress of the F. M. Alexander Technique, Lugano, Switzerland
- May 2008 Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany
- Apr 2008 Free University, Berlin, Germany
- Apr 2008 Mind & Life Meeting with H.H. the 14<sup>th</sup> Dalai Lama, Ann Arbor, MI, USA
- Apr 2008 Department of Psychiatry, University of California, San Francisco, CA, USA
- Mar 2008 BrainFair 2008: Emotions, University of Zurich, Switzerland
- Mar 2008 Interacting Minds Project, Aarhus University Hospital, Aarhus C, Denmark
- Nov 2007 The Compassionate Mind (with Matthieu Ricard, Tibet), Dana Centre, London, United Kingdom
- Nov 2007 Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany
- Oct 2007 Max Planck Institute for Human Development, Berlin, Germany
- Oct 2007 Presidential Lecture at the German Pain Congress, Berlin, Germany
- Sep 2007 Neuroscience Center Zurich (ZNZ) Symposium 2007, University of Zurich, Switzerland
- Jul 2007 Summer camp "Synergy: The intelligence of the collective", Center for Experimental Societal Design (ZEGG), Belzig, Germany
- Jul 2007 University Clinic Hamburg-Eppendorf, Research Focus Group: Neurosciences, Hamburg, Germany
- Jul 2007 Neurofinance Symposium, Zurich, Switzerland
- Jun 2007 Ernst Strüngmann Forum, Frankfurt Institute for Advanced Studies (FIAS), Frankfurt/Main, Germany
- Jun 2007 6<sup>th</sup> Zurich Symposium for Clinical Psychiatry, Psychiatric University Clinic, Zurich, Switzerland
- May 2007 NCCR Affective Sciences Workshop "Empathy and prosocial behavior: Are they linked?", Geneva, Switzerland
- Apr 2007 Conference "Mind & Life XIV: A dialogue on the universe in a single atom" (with Tenzin Gyatso, H. H. the 14<sup>th</sup> Dalai Lama), Dharamsala, India
- Mar 2007 Biology of Prosocial Behavior Workshop, Consulate of Switzerland, Swiss House for Advanced Research and Education (SHARE), Cambridge, MA, USA
- Feb 2007 "Social brain" Neurology Symposium, Valens, Switzerland
- Jan 2007 Collegium Helveticum Lectures „Gefühle zeigen – Manifestationsformen emotionaler Prozesse“, Zurich, Switzerland
- Dec 2006 GlaxoSmithKline Advanced Lectures on Clinical and Experimental Neurology, "Social Cognition", London, United Kingdom



- Jul 2006 Max Planck Institute for Human Development, Berlin, Germany
- Apr 2006 Health Emotion Symposium: Social Brain, Madison, WI, USA
- Apr 2006 United Kingdom–German Frontier of Science Meeting, Cambridge, United Kingdom
- Mar 2006 Gruter Institute, Cambridge, United Kingdom
- Mar 2006 Brain Awareness Week, Rome, Italy
- Mar 2006 Collège de France, Paris, France
- Mar 2006 Institut Jean Nicod, Paris, France
- Jan 2006 McGovern Institute for Brain Research at MIT, Boston, MA, USA
- Dec 2005 International Workshop “Contribution of mirroring processes to human mindreading”, Château de Maffliers, France
- Oct 2005 Novartis Symposium “Empathy and fairness”, London, United Kingdom
- Jun 2005 Institut des Sciences Cognitives, Lyon, France
- Jun 2005 Brain Meeting, Wellcome Department of Imaging Neuroscience, London, United Kingdom
- May 2005 Max Planck Institute for Human Cognitive and Brain Sciences, Department of Psychology, Munich, Germany
- May 2005 Institute of Psychiatry, Munich, Germany
- May 2005 Bernard Wolfe Health Neuroscience Symposium, Cambridge, United Kingdom
- Apr 2005 Helmholtz Club, University of California, Irvine, CA, USA
- Apr 2005 Brain Research Institute, University of California, Los Angeles, CA, USA
- Apr 2005 California Institute of Technology, Pasadena, CA, USA
- Apr 2005 Salk Institute, La Jolla, CA, USA
- Mar 2005 Cognitive Brain Seminar, University of Geneva, Switzerland
- Mar 2005 L’altruism: ses mecanismes et ses fonctions, Veme Rencontre du Group “Cerveau-Esprit”, Sion, Switzerland
- Jan 2005 Neuroscientific Foundations of Economics, Annual Meeting of the American Economic Association, Philadelphia, PA
- Nov 2004 Academia Helvetica, Zurich, Switzerland
- Sep 2004 Symposium “Brain-behavior dynamics across the lifespan: Methods and concepts”, Max Planck Institute for Human Development, Berlin-Doelln, Germany
- May 2004 School of Psychology, University of Wales, Bangor, United Kingdom
- Feb 2004 Symposium “The emotional basis of cooperation and punishment”, Santa Fe Institute, Santa Fe, New Mexico
- Jan 2004 Institute of Psychology, University of Vienna, Austria
- Jan 2004 Symposium “Dance and the brain”, Bockenheimer Depot, Municipal Theater and Opera, Frankfurt am Main, Germany
- Jan 2004 Symposium “Neuroscience and economics”, Functional Imaging Laboratory, London, United Kingdom
- Oct 2003 Methods Seminar, Wellcome Department of Imaging Neuroscience, London, United Kingdom
- Sep 2002 Summer school entitled “Young academy of emotions”, Villa Vigoni, Loveno di Menaggio (Como), Italy
- Sep 2002 Paper presented at the 43<sup>rd</sup> Meeting of the German Psychological Society (DGPs), Berlin, Germany

- Oct 2001 Department of Psychology, Philipp University Marburg, Germany
- Jul 2001 3<sup>rd</sup> International Conference on Memory, Valencia, Spain
- Mar 2001 5<sup>th</sup> Biennial Meeting of the German Society for Gerontopsychiatry and -psychotherapy (DGGPP), Berlin, Germany