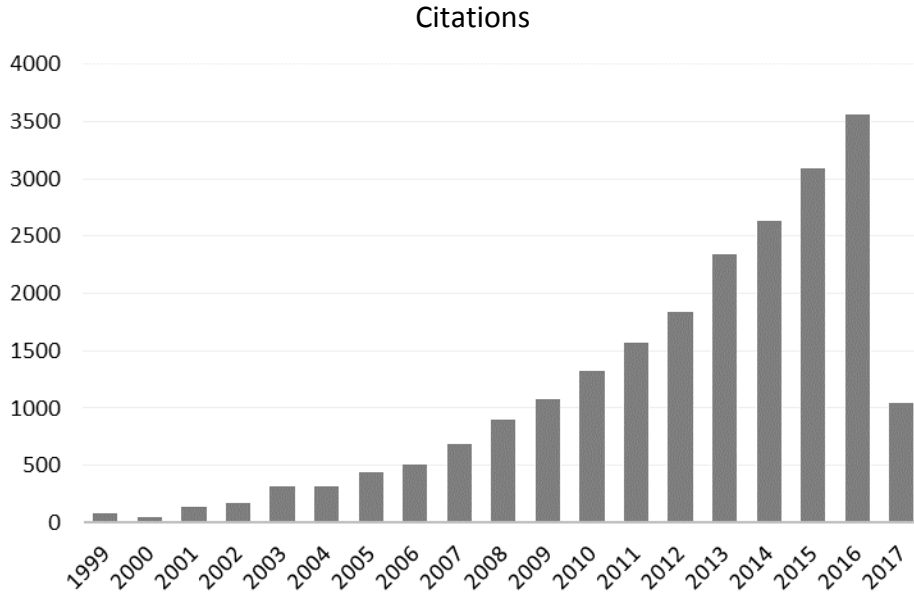


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# CV Prof. Dr. Pascal Fries

18 April 2017



Citation Index	All	Since 2011
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**Date of birth** 28 January 1972

**Education**

2000	Ph.D. from Johann Wolfgang Goethe-University, Frankfurt, Medical School. Supervisor: Prof. Wolf Singer, Max Planck Institute for Brain Research, Frankfurt, Germany.
1998	M.D. from Johann Wolfgang Goethe-University, Frankfurt, Medical School, Frankfurt, Germany.

**Professional experience** Since 2009 Director of the Ernst Strüngmann Institute (ESI) for Neuroscience in Cooperation with Max Planck Society, Frankfurt, Germany.

	Since 2008	Scientific Member of the Max Planck Society.
	Since 2008	Professor of Systems Neuroscience, Radboud University Nijmegen, Nijmegen, The Netherlands.
	2001 - 2009	Principal Investigator, F.C. Donders Centre for Cognitive Neuroimaging, Radboud University Nijmegen, Nijmegen, The Netherlands.
	1999 - 2001	Postdoctoral Research Fellow with Dr. Robert Desimone, Laboratory of Neuropsychology, National Institute of Mental Health, Bethesda, Maryland.
	1998 - 1999	Postdoctoral Research Fellow with Prof. Wolf Singer, Max Planck Institute for Brain Research, Department of Neurophysiology, Frankfurt, Germany.
	1998 - 1999	Residency at the Johann Wolfgang Goethe-University, Frankfurt, Medical School, Department of Psychiatry, Frankfurt, Germany.
<b>Awards and Honors</b>	2008	Boehringer Ingelheim FENS (Federation of European Neuroscience Societies) Research Award.
	2007	Bernhard Katz prize.
	2006	Membership in The Young Academy of The Royal Netherlands Academy of Arts and Sciences.
	2006	EURYI (European Young Investigator) Award from the European Science Foundation.
	2003	VIDI (Career development) award from The Netherlands Organization for Scientific Research (NWO).
	2001	Award for the best PhD thesis of the year 2000, Johann Wolfgang Goethe-University, Frankfurt, Medical School.
	2000	Graduate "Summa cum laude", Johann Wolfgang Goethe-University, Frankfurt, Medical School.
	1999 - 2001	Postdoctoral Fellowship award from the German National Scholarship Foundation / BASF.
	1991 - 1998	Scholarship award from the German National Scholarship Foundation.
<b>Papers in Refereed Journals (incl. 107 ISI-listed publications)</b>	Ni, J., Wunderle, Th., Lewis, C. M., Desimone, R., Diester, I., <b>Fries, P.</b> (2016) Gamma-rhythmic Gain Modulation. <i>Neuron</i> <b>92</b> (1), 240-251.	
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**Other major publications**

Womelsdorf, T., Landau, A. N., **Fries, P.** (2014) Attentional Selection through Rhythmic Synchronization at Multiple Frequencies. In: *The Cognitive Neurosciences* (Gazzaniga, M., eds), The MIT Press, Cambridge, MA, IV.

Vinck, M., Womelsdorf, T., **Fries, P.** (2013) Gamma-Band Synchronization and Information Transmission. In: *Principles of Neural Coding* (Quiroga, R.-Q., Panzeri, S., eds), CRC Press, 449-469.

Womelsdorf, T., **Fries, P.** (2011) Rhythmic Neuronal Synchronisation Suberves

Selective Attentional Processing. In: *Characterizing Consciousness: From Cognition to the Clinic?* (Dehaene, S., Yves, C., eds), Springer, Berlin, 109-132.

Womelsdorf, T., **Fries, P.** (2009) Selective Attention through Selective Neuronal Synchronization. In: *The Cognitive Neurosciences* (Gazzaniga, M., eds), The MIT Press, Cambridge, MA, IV.

**Fries, P.**, Desimone, R. (2005) Selective Visual Attention Modulates Oscillatory Neuronal Synchronization. In: *Neurobiology of Attention* (Itti, L., Rees, G., Tsotsos, J. K., eds), Elsevier, San Diego, CA, 520-525.

**Fries, P.**, Castelo-Branco, M., Engel, A. K., Singer, W. (2004) The Functional Role of Oscillatory Neuronal Synchronization for Perceptual Organization and Selection. In: *Binocular Rivalry* (Alais, D., Blake, R., eds), The MIT Press, Cambridge, 259-281.

Singer, W., Kreiter, A. K., **Fries, P.**, Herculano, S., Volgushev, M., Neuenschwander, S. (1998) The Putative Role of Precise Timing in Cortical Processing. In: *Basic Mechanisms in Cognition and Language* (Von Euler, C., Lundberg, I., Llinás, R., eds), Springer, Berlin, 57-64.

Engel, A. K., Brecht, M., **Fries, P.**, W., S. (1998) Zeitliche Bindung Und Der Aufbau Visueller Objektrepräsentationen [Temporal Binding and the Construction of Object Representations]. In: *Intelligente Informationsverarbeitung [Intelligent Information Processing]* (Kotkamp, U., Krause, W., eds), Deutscher Universitätsverlag, Wiesbaden, 193-200.

#### **Service on boards/committees**

Attention and Performance Advisory Council, International Association for the Study of Attention and Performance

Board of directors, Brain Imaging Center, Frankfurt University

Board of NeFF (LOEWE), the Neuronal Coordination Research Focus Frankfurt

Board of the Ernst Strüngmann Institute for Neuroscience in Cooperation with Max Planck Society

Perspectives Committee of the Biological-Medical Section of the Max Planck Society

MRC subcommittee on the MRC Anatomical Neuropharmacology Unit at the University of Oxford, Oxford, UK

Scientific Advisory Board of the Center for Brain Research, Medical University of Vienna

Scientific advisory board of the CORTEX LabEx consortium, Lyon, France

Scientific advisory board, European Neuroscience Institute, Göttingen

#### **Grants**

Title: **The physiology of distributed computing underlying higher brain functions in non-human primates.**

Granting body: German Research Foundation – DFG

Amount: 109.396 €

Awardees: Pascal Fries, as part of a consortium with a.o. Peter Thier and Stefan Treue

Time period: 2014-2017

Title: **Cell-type specific optogenetic manipulation for characterizing the role of inhibitory interneurons in motor cortex of non-transgenic animals.**

Granting body: German Research Foundation – DFG

Amount: 25.000 € (as part of 682.400 €)

Awardees: Pascal Fries, as part of a consortium with Ilka Diester, Christian Buchholz and Hannah Monyer

Time period: 2014-2017

Title: **The Human Brain Project**

Granting body: European Union, 7<sup>th</sup> framework program

Amount: 100.000 €

Awardees: Pascal Fries

Time period: 2013-2016

Title: **Magnetodes: Electromagnetic detection of neural activity at cellular resolution.**

Granting body: European Union, 7<sup>th</sup> framework program

Amount: 178.800 € (als Teil von 1.737.138 €)

Awardees: Pascal Fries, as part of a consortium with Myriam Pannetier-Lecoecur, Lauri Parkkonen, Paulo Freitas and Alain Destexhe

Time period: 2013 – 2016

Title: **Neuronal Coordination, Frankfurt NeFF.**

Granting body: Excellence initiative of the State of Hessen - LOEWE

Amount: 252.900 € (as part of 4.341.150 €)

Awardees: Pascal Fries, as part of a consortium with o.a. Ulf Ziemann

Time period: 2011-2013

Title: **Human Connectome Project**

Granting body: National Institutes of Health

Amount: 474,401 \$

Awardees: Pascal Fries

Time period: 2011-2015

Title: **Large scale interactions in brain networks and their breakdown in brain diseases.**

Granting body: European Union, 7<sup>th</sup> framework program

Amount: 445.261 € (as part of 2.978.242 €)

Awardees: Pascal Fries, as part of a consortium with Maurizio Corbetta, Jon Driver, Guy Orban, Andreas Engel, Jean-Philippe Lachaux, Gustavo Deco, Milan Palus

Time period: 2008-2011

Title: **BrainGain, Brain-Computer and Computer-Brain Interfaces.**

Granting body: The Netherlands Organization for Scientific Research, Smartmix

Amount: 607.500 € (as part of 14.685.446 €)

Awardees: Pascal Fries, as part of the BrainGain consortium

Time period: 2007-2012

Title: **Mechanisms of neuronal interactions and their cognitive top-down control.**

Granting body: The European Science Foundation, European Young Investigator (EURYI) award

Amount: 1.250.000 €

Awardees: Pascal Fries  
Time period: 2007-2012

Title: **When neurons form memories: The role of oscillatory dynamics and synchronization.**

Granting body (grant number): Volkswagen Foundation (I/79876)

Amount: 254.661 € (as part of 709.036 €)

Awardees: Pascal Fries, as part of a consortium with Ole Jensen (F. C. Donders Centre) and Jürgen Fell/Christian Elger/Guillén Fernández (University of Bonn & F. C. Donders Centre)

Time period: 2005-2008

Title: **Integrating distributed brain processes.**

Granting body (grant number): The Netherlands Organization for Scientific Research (NWO, 452-03-344), VIDI-program

Amount: 600.000 €

Awardee: Pascal Fries

Time period: 2004-2008

Title: **The role of neuronal synchrony in multi-modal integration.**

Granting body (grant number): The Human Frontier Science Program Organization (RGP0070/2003).

Amount: 360.000 US\$ (as part of 1.350.000 US\$)

Awardees: Pascal Fries, as part of a consortium with Shin Shimojo (Caltech), Alan Johnston (University College London), Partha Mitra (Cold Spring Harbor Laboratories)

Time period: 2004-2007

Title: **Cognitive modulation of neuronal dynamics in human action control.**

Granting body (grant number): The Netherlands Organization for Scientific Research (NWO, 051-02-050)

Amount: 151.000 € (as part of 755.000 €)

Awardees: Pascal Fries, as part of a consortium with Dick Stegeman, Stan Gielen (Radboud University Nijmegen), Peter Beek (Free University Amsterdam) and Inge Zijdewind (University of Groningen)

Time period: 2002-2006

## Invited Lectures

2017 *COFEES- Cortical Feedback Spring School, Jena, Germany, Gyula Zolan Kovács*

*MEG UK 2917, Oxford, U.K., Aimie Gornall*

2016 *M-Bic Lecture, Maastricht University, Maastricht, the Netherlands, Peter de Weerd*

*Symposium, "Top-down control and transcranial manipulation of neuronal oscillations", Donders Institute, Nijmegen, The Netherlands, Tom Marshall*

*INS 2016, Baiona, Spain, Peter Hagoort*

*Bernstein Sparks Workshop, LMU Munich, Tutzing, Anton Sirota*

- Seminar, "Seminars in Neurogenetics", MPI for Experimental Medicine, Göttingen, Germany, Klaus-Armin Nave*
- Society for Psychophysiological Research (SPR) Annual Meeting 2016, Minneapolis, U.S.A., Sarah Laszlo*
- BrainDisC PhD Conference, Freiburg, Germany, Golan Karvat*
- Research Colloquium, LMU, München, Germany, Paul Sauseng*
- The Salk Institute for Biological Studies, La Jolla, U.S.A., John Reynolds*
- California Institute of Technology, Pasadena, U.S.A.*
- CEU Departmental Colloquium talk, Budapest, Hungary, József Fiser*
- Magyar Tudományos Akadémia (MTA), Budapest, Hungary, Tamás Freund*
- 2015 *ABC (Amsterdam Brain & Cognition) Lectures, University of Amsterdam, Amsterdam, The Netherlands, Conrado Bosman*
- INCF meeting, Leuven, Belgium, Vim Vanduffel*
- Workshop, „Magnetrodes“, Lisbon, Portugal, co-organizer*
- Seminar, University of Zurich, Zurich, Switzerland, Fritjof Helmchen*
- Workshop, "Analysis and Modulation of Brain Networks", Hamburg, Germany, Andreas K. Engel*
- Brain Conference on Bridging Neural Mechanisms and Cognition, Copenhagen, Denmark, Stan Dehaene*
- 59. Annual Meeting Deutsche Gesellschaft für Klinische Neurophysiologie und Funktionelle Bildgebung (DGKN), Tübingen, Germany, Niels Focke*
- Caesar, Center of Advanced European Studies and Research, Bonn, Germany, Jason Kerr*
- Symposium „Neural rhythms and their modulation“, Berlin, Germany, Uwe Heinemann*
- Conference „Brain dynamics in the primate brain“, NeuroSpin, Paris, France, Béchir Jarraya*
- 2014 *International BMFZ Meeting 2014, Biomedical Research Centre, Heinrich Heine University Düsseldorf, Germany, Alfons Schnitzler*
- CNBC Colloquium, SNI/CNBC, University of Pittsburgh, Pittsburgh, USA, Alona Fyshe*
- 7th International Workshop on Advances in Electroencephalography, Washington, DC, USA, Gerwin Schalk*

*Max Planck UCL Symposium and Advanced Course on Computational Psychiatry and Ageing Research, Schloss Ringberg, Germany, Ulman Lindenberger and Ray Dolan*

*Keynote lecture at the Annual Meeting of the Society for Neurobiology of Language (SNL), Amsterdam, The Netherlands, Peter Hagoort*

*20th Annual Meeting of the Organization for Human Brain Mapping (OHBM), Symposium "Intracranial Electrophysiology of Resting State Networks", Hamburg, Germany, Josef Parvizi*

*IST Young Scientist Symposium 2014: "Synchronize! Clocks, Rhythms and Communication across the sciences", Institute of Science and Technology (IST), Klosterneuburg, Austria, Daniel Capek*

*Yale School of Medicine, New Haven, USA, David McCormick and Jessica Cardin*

*New York University, New York, USA, György Buzsáki*

*Neuroscience Seminar, University Paris Descartes / Institute for Neuroscience and Cognition, Paris, France, Rebecca Piskorowski*

*Workshop "Connections & Communications in the Brain", Banbury Conference Center Cold Spring Harbor Laboratory, Cold Spring Harbor, USA, Nicolas Brunel*

*SAN/NIHC 2014, Research Institute Brainclinics, Utrecht University, Utrecht, The Netherlands, Martijn Arns*

2013 *BCCN Seminar, Center for Computational Neuroscience, Heidelberg, Germany, Demanuele Charmaine*

*Hanse-Wissenschaftskolleg, Delmenhorst, Germany, Reto Weiler  
University of Osnabrück, Osnabrück, Germany, Peter König*

*BrainLinks-BrainTools, University of Freiburg, Freiburg, Germany, Simone Cardoso*

*Course "Frontiers in Cognitive Neuroscience", Karolinska Institutet, Stockholm, Sweden, Fredrik Ullén*

*Workshop „Oxford Oscillations“, University of Oxford, Oxford, UK, Kia Nobre*

*Donders Summer School "Brain Networks and Neuronal Communication", Nijmegen, The Netherlands*

*Workshop "New Visual Neurosciences", Lake Tahoe, USA, Jack Werner and Leo Chalupa*

*School of Medicine, Stanford University, Stanford, USA, Joseph Parvizi*

- Brown University, Providence, USA, Christopher Moore*
- Workshop "Rhythms Collaborative", Boston University, Boston, USA, Nancy Kopell*
- Ecole Normale Supérieure de Lyon, Lyon, France, Jean-René Duhamel*  
*French Society for Neuroscience Meeting, Lyon, France, Philippe Vernier*
- Friedrich Miescher Institute, Basel, Switzerland, Pico Caroni*
- University of Copenhagen, Copenhagen, Denmark, Per Ebbe Roland*  
*Workshop "Rhythms and Oscillations", Columbus, USA, Carmen Canavier*
- Primate Neurobiology Meeting, Göttingen, Germany, Stefan Treue*  
*Institute of Neuroscience and Psychology, University of Glasgow, Glasgow, UK, Joachim Gross*
- Chaucer Club at MRC CBSU, Cambridge University, Cambridge, UK, Duncan Astle*
- 2012 *Workshop "4th International Workshop on Advances in Electrocorticography", SfN 2012, New Orleans, U.S.A., Gerwin Schalk*
- Neuroscience Student Invited Speaker Series at the University of California, Berkeley, USA, Asako Miyakawa*
- University of California San Francisco, Edward Chang*
- Workshop "Orienting of Attention", Tübingen, Germany, Hans-Otto Karnath*
- Conference "Cellular Mechanisms of Sensory Processing", Göttingen, Germany, Tobias Moser*
- CRNL Inaugural Meeting, Lyon, France, Olivier Bertrand*
- SFB "Multi-site Communication in the Brain", Hamburg, Germany, Andreas Engel*
- Neurobiology of Cognition, Gordon Research Conferences, Lucca (Barga, Italy, Charles E. Schroeder)*
- Neurowissenschaftliches Kolloquium Aachen, Germany, Thomas Haarmeier*
- MEG Symposium, McGovern Institute for Brain Research, MIT, Bob Desimone and Charles Jennings*
- The Annual Meeting of the British Neuropsychiatry Association, London, UK, Adam Zeman*
- Mainzer FTN (Forschungsschwerpunkt Translationale Neurowissenschaften), Mainz, Germany, Arian Mobascher*
- 2011 *NIPS Workshop on Machine Learning in Neuroimaging, Granada, Spain,*

*Moritz Grosse-Wentrup*

*ZKF Colloquium, Bremen, Germany, Klaus Pawelzik*

*ICNF, Frankfurt, Germany, Herbert Zimmermann*

*DGPPM, Berlin, Germany, Peter Uhlhaas*

*RAW (Rovereto Attention Workshop), Rovereto, Italy*

*IST Vienna, Austria, József Csicsvári*

*ICON XI, Mallorca, Spain, Francisco Barceló*

*Frankfurt Institute for Advanced Studies (FIAS), Germany, Thomas Burwick*

*Symposium "The role of oscillations for neuronal processing" at the Annual Meeting of the British Neuroscience Association (BNA), Harrogate, UK, John O'Keefe*

*Symposium "Emergence of attention from extended brain networks" at the Annual Meeting of the British Neuroscience Association (BNA), Harrogate, UK, Jon Driver*

*Workshop "Networks in the human brain", Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, Gabriele Lohmann and Bob Turner*

*Workshop "Developing simplified algebras to describe large scale brain dynamics" at the Computational and Systems Neuroscience (COSYNE) conference, Salt Lake City, USA, Kai J. Miller and Thilo Womelsdorf*

*Workshop "Grand Challenges in Neural Computing II: Neuromimetic Processing and Synthetic Cognition", Santa Fe, USA, John George, Luis Bettencourt and Garret Kenyon*

*German Primate Center, Göttingen, Germany, Hansjörg Scherberger*

2010 *„2nd International Workshop on Advances in Electroencephalography“, San Diego, USA, Gerwin Schalk*

*FIL (Functional Imaging Lab) Brain Meeting, UCL Wellcome Trust Centre for Neuroimaging, London, UK*

*Keynote lecture at the "Bernstein Conference on Computational Neuroscience 2010", Berlin, Germany, Gabriel Curio*

*Presidential Symposium "Brain Rhythms and Neurology" at the Annual Meeting of the German Society for Neurology (DGN), Mannheim, Germany, Helmuth Steinmetz*

*Symposium "Neuronal Network Oscillations in Health and Disease", Nobel Forum, Karolinska Institute, Stockholm, Sweden, Christian Broberger*



- Opening lecture of the MEA meeting 2010, Reutlingen, Germany*
- Keynote lecture at the 16th Annual Meeting of the Organization for Human Brain Mapping, Barcelona, Spain*
- Brain Connectivity Workshop 2010, Berlin, Germany*
- Workshop "Neurocognitive mechanisms of conscious and unconscious visual perception", Hanse Wissenschaftskolleg, Delmenhorst, Germany*
- The 18th Ipsen Colloquium in Medicine and Research on "Characterizing consciousness from cognition to the clinic?", Paris, France, Stanislas Dehaene*
- University of Pennsylvania, Philadelphia, USA, Michael Kahana*
- Princeton University, Princeton, USA, Sabine Kastner*
- 2009 *University of Freiburg, Germany, Romyana Kristeva and Thomas Mergner*
- "The Assembly and Function of Neuronal Circuits" Neuronal Circuits Meeting, Ascona, Switzerland*
- 2008 *Symposium on the occasion of the opening of the Neurospin MEG Centre, "MEG: New Images of Brain Dynamics", Paris, France, Stan Dehaene*
- Annual meeting of the Max-Planck-Society's network of PhD students, Bremen, Germany*
- Symposium at the Annual Meeting of the DGN (German Neurologists' Association), Hamburg, Germany, Hartwig Siebner and Ulf Ziemann*
- The Boehringer Ingelheim FENS Research Award lecture at the FENS meeting 2008, Geneva, Switzerland*
- The 2008 Summer Institute in Cognitive Neuroscience, Tahoe, CA, Ron Mangun and Steve Luck*
- Neural Coding Workshop, London, UK, Peter Dayan and Bruno Averbeck*
- Network Synchronization: from dynamical systems to neuroscience, Leiden, The Netherlands, Francesco Battaglia*
- Marie Curie European School in Neuroscience, Italy, Maurizio Corbetta*
- UC Davis, USA, Ron Mangun*
- UC Berkeley, USA, Robert Knight*
- "Top down or bottom up? measuring, modeling and understanding cross-scale neural interactions" workshop at the Computational and Systems Neuroscience (COSYNE) conference, Salt Lake City, USA, Kilian Koepsell and Tim Blanche*

- Brain Mind Institute, EPFL, Lausanne, Switzerland, Carl Petersen*
- University of Geneva, Geneva, Switzerland, Patrik Vuilleumier*
- 2007 *University of Leiden, Leiden, The Netherlands, Bernhard Hommel*
- Workshop "Large Scale Brain Dynamics", NIPS conference, Whistler, Canada, Kai Miller and Ryan Canolty*
- University of Washington, Seattle, Washington, Adrienne Fairhall*
- Bernhard Katz prize lecture, Annual meeting of the Israel Society for Neuroscience, Eilat, Israel*
- Ludwig-Maximilians-University München, München, Germany, Ulrich Büttner*
- Free University, Amsterdam, The Netherlands, Andreas Daffertshofer*
- University of Mainz, Mainz, Germany, Heiko Luhmann*
- "Neurizons" conference, International Max Planck Research School for Neurosciences, Göttingen, Germany*
- University of Amsterdam, Amsterdam, The Netherlands, Cyriel Pennartz*
- Workshop "Conceptual Neuroscience", Institute Para Limes, University of Wageningen, The Netherlands, Jean-Pierre Changeux*
- University of Newcastle, Newcastle, UK, Alexander Thiele*
- 2006 *"The Dynamical Brain", Boehringer Ingelheim Fonds International Titisee Conference, Titisee, Germany, Wolf Singer*
- "Brain Imaging of Cortical Networks", Opening symposium of the Brain Imaging Center Frankfurt, Frankfurt, Germany, Lars Muckli*
- "Multi-level Brain Modeling" workshop of the Sloan/Swartz Center for Theoretical Neurobiology and the Swartz Center for Computational Neuroscience, Rancho Santa Fe, California, Terry Sejnowski*
- 5th INMED/TINS conference "Physiogenic and pathogenic oscillations: the beauty and the beast", La Ciotat, France, Yehezkel Ben-Ari*
- Monday Colloquium of the Max-Planck Institutes in Tübingen, Tübingen, Germany, Uta Noppeney*
- Hertie-Institute of Clinical Brain Research, University of Tübingen, Tübingen, Germany, Uwe Ilg*
- University of Leuven, Leuven, Belgium, Rufin Vogels*
- University of Wales Bangor, Bangor, UK, Kimron Shapiro*

- 2005 *Institute of Neuroinformatics, University of Zurich and the Swiss Federal Institute of Technology (ETH), Zurich, Switzerland, Daniel C. Kiper*
- Leibniz Institut für Neurobiologie, Magdeburg, Germany, Peter Heil*
- Volkswagenstiftung symposium "Dynamics and adaptivity of neuronal systems: Integrative approaches to analyse cognitive functions", Hamburg, Germany, Christian Büchel*
- "Peter Wall Summer Institute on Synchrony in Mind, Brain and Consciousness", Paris, France, Lawrence M. Ward*
- "Neuroengineering of Cognitive Functions", 3rd European Neuro-IT and Neuroengineering School, Venice, Italy, Andreas Engel*
- "Maths and Brain", summer school, Paris, France, Line Garnero*
- International Graduate School of Neuroscience, University of Bochum, Bochum, Germany, Klaus-Peter Hoffmann*
- "Oscillations and (in)stability. Control near and far from equilibrium in Biology", Lorentz workshop, University of Leiden, Leiden, The Netherlands, Stan Gielen*
- University of Hamburg, Hamburg, Germany, Andreas Engel*
- Bernstein Symposium, Berlin, Germany, Andreas Herz*
- "Computational Perspectives on Neural Oscillations", Workshop at the Computational and Systems Neuroscience (COSYNE) conference, Salt Lake City, USA, Zach Mainen*
- Nijmegen Institute for Cognition and Information (NICI), Nijmegen, The Netherlands, Eric Maris*
- 2004 *"Communication and cognitive processes", KNAW (Royal Dutch academy) workshop, Amsterdam, The Netherlands, John Michon*
- "Temporal Processing and Cross Modal Perception". Workshop of the Institute of Cognitive Neuroscience, London, UK, Alan Johnston*
- 10th anniversary of the Functional Imaging Laboratory, London, UK, Ray Dolan*
- "Local and long-range neuronal interactions through oscillatory synchronization" Symposium at the meeting of the Federation of European Neuroscience Societies, Lisbon, Portugal*
- "Oscillations and Synchrony" Symposium at the meeting of the Organization for Human Brain Mapping, Budapest, Hungary*
- Banbury workshop of "Communication in brain systems", Cold Spring Harbor, NY, USA, Terry Sejnowski*

- University of Ulm, Ulm, Germany, Günther Palm*
- University of Osnabrück, Osnabrück, Germany, Peter König*
- 2003 *University of Maastricht, Maastricht, The Netherlands, Rainer Goebel*
- Functional Imaging Lab, London, UK, Karl Friston*
- Meeting of the "Federation of European Psychophysiology Societies",  
Bordeaux, France, Matthias Müller*
- Neuroinformatics course, Woods Hole, Massachusetts, Partha Mitra*
- Symposium at the meeting of the "Neurowissenschaftliche Gesellschaft",  
Göttingen, Germany, Stefan Treue*
- Netherlands Ophthalmic Research Institute, Amsterdam, The Netherlands,  
Pieter Roelfsema*
- University of Frankfurt, Frankfurt, Germany, Graduiertenkolleg*
- University of Groningen, Groningen, Netherlands, Ritske de Jong*
- "Oscillations and higher brain functions", Lyon, France, Driss Boussaoud*
- 2002 *Workshop "Binocular rivalry & perceptual ambiguity", San Miniato, Italy,  
Randolph Blake*
- "Sixth Dutch Endo-Neuro Meeting", Doorwerth, Netherlands, Peter  
Hagoort*
- "From Microscopic to Macroscopic Brain Dynamics", Salk Institute, San  
Diego, California, Terry Sejnowski*
- University of Tilburg, Tilburg, Netherlands, Bea de Gelder*
- Institute for Fundamental and Clinical Movement Sciences, Amsterdam,  
Netherlands, Dick Stegeman*
- German Primate Center, Göttingen, Germany, Stefan Treue*
- University of Leiden, Leiden, Netherlands, Bernhard Hommel*
- 2001 *Neuroscan "Workshop on Cortical physiology of Complex behavior and  
Adaptation", Tübingen, Germany, Christian Gerloff*
- "Workshop on brain function and gamma activity". 5. meeting of the  
Society for Cognitive Science, Leipzig, Germany, Andreas Engel*
- "Workshop on the analysis of neural data" (WAND), Woods Hole,  
Massachusetts, USA, Partha Mitra*
- Workshop on "Neuronal dynamics of neocortex", Bozeman, Montana, USA,  
Charles Gray*

- 2000 *Johns Hopkins University, Baltimore, Maryland, USA, Ernst Niebur*  
*The Salk Institute, La Jolla, California, USA, John Reynolds*  
*Caltech, Pasadena, California, USA, Christof Koch*
- 1999 *University of Nijmegen, The Netherlands, Stan Gielen*  
*NIMH, NIH, Bethesda, Maryland, USA, Robert Desimone*
- 1997 *Brown University, Providence, Rhode Island, USA, John Donoghue*  
*University of Washington, Seattle, Washington, USA, Eberhard Fetz*  
*University of California, Davis, California, USA, Charles Gray*
- 1996 *"Cognition, Brain and neuronal networks" (Kognet), Ruhr-University, Bochum, Germany, Klaus-Peter Hoffman*

### **Supervision**

<u>Alan Rorie,</u>	Pre-doctoral intramural research training associate, National Institute of Mental Health
<u>Alina Peter,</u>	PhD, IMPRS
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<u>Ayelet Landau,</u>	Postdoc, Ernst Strüngmann Institute
<u>Barbara Haendel,</u>	Postdoc, Ernst Strüngmann Institute
<u>Chris Lewis,</u>	PhD student, Ernst Strüngmann Institute
<u>Conrado Bosman,</u>	Postdoc, Donders Centre
<u>Craig Richter,</u>	Postdoc, Ernst Strüngmann Institute
<u>Floris van Setten,</u>	Master student, Donders Centre
<u>Georgios Spyropoulos,</u>	PhD, ESI
<u>Giorgos Michalareas,</u>	Postdoc, Ernst Strüngmann Institute
<u>Gustavo Rohenkohl,</u>	Postdoc, Ernst Strüngmann Institute
<u>Helene Schreyer,</u>	Master Student, University of Bern
<u>Iris Grothe,</u>	Master student, Donders Centre
<u>Jan-Mathijs Schoffelen,</u>	PhD student, Donders Centre
<u>Jarrod Dowdall,</u>	PhD, IMPRS
<u>Jasper Poort,</u>	Master student, Donders Centre
<u>Jianguang Ni,</u>	PhD, IMPRS
<u>Joachim Lange,</u>	Postdoc, Donders Centre
<u>Jonathan Levy,</u>	PhD student, Donders Centre
<u>Juan Vidal,</u>	Postdoc, Donders Centre
<u>Julien Vezoli,</u>	Postdoc, Ernst Strüngmann Institute

<u>Maarten Peeters,</u>	Master student, Donders Centre
<u>Marieke Schölvinck,</u>	Postdoc, Ernst Strüngmann Institute
<u>Markus Bauer,</u>	PhD student, Donders Centre
<u>Martin Vinck,</u>	Master student, Donders Centre
<u>Michael Plöchl,</u>	Master student, Donders Centre
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<u>Robert Oostenveld,</u>	Postdoc in Donders Centre
<u>Sandra Smeets,</u>	PhD student, Donders Centre
<u>Stan van Pelt,</u>	Postdoc, Donders Centre
<u>Thilo Womelsdorf,</u>	Postdoc, Donders Centre
<u>Thomas Wunderle,</u>	Postdoc, Ernst Strüngmann Institute
<u>Tim Buschman,</u>	Pre-doctoral intramural research training associate, National Institute of Mental Health
<u>Vladimir Grankovsky,</u>	Master student, Donetsk National Technical University

**Reviewer/academic editor**

Brain  
Cerebral Cortex  
Clinical Neurophysiology  
Cognition  
College de France  
Current Biology  
DFG (German Research Council)  
eLife  
European Journal of Neuroscience  
European Research Council  
FWO (Research Foundation – Flanders, Belgium)  
Frontiers in Neuroscience  
Human Brain Mapping  
Human Frontier Science Program Organization  
Journal of Vision  
Medical Research Council (UK)  
National Science Foundation (U.S.A.)  
Nature  
Nature Communication  
Nature Neuroscience  
Netherlands Organization for Scientific Research  
Neural Computation  
NeuroImage  
Neuron  
Neuropsychologia  
Neuroscience letters

PLoS Biology  
PLoS Computational Biology  
PNAS  
Scholarpedia  
Science  
Statistics in Medicine  
Studienstiftung (German National Merit Foundation)  
The German Israeli Foundation for Scientific Research and Development  
The Journal of Neurophysiology  
The Journal of Neuroscience  
The Journal of Physiology (London)  
The Journal of Physiology (Paris)  
The Wellcome Trust  
Trends in Cognitive Sciences  
Vision Research

**Languages**

German (native language)  
English  
Dutch