

PERSONAL INFORMATION

Family name, First name: Gross, Joachim

Researcher unique identifier(s): orcid.org/0000-0002-3994-1006

scholar.google.de/citations?user=00NYt6oAAAAJ&hl=en

Web site: www.medizin.uni-muenster.de/en/biomag/ibb/

• EDUCATION

- 1998 PhD
 MPI for Cognitive Neuroscience, Leipzig and Research Centre, Juelich, Germany
- 1995 Diploma
 Physics, University of Hannover, Germany
- 1993 BA (summa cum laude)
 Physics and Mathematics at the Angelo State University in San Angelo, Texas, USA

• CURRENT POSITIONS

- 2017 – Director of the Institute for Biomagnetism and Biosignalanalysis,
 University of Muenster, Germany

• PREVIOUS POSITIONS

- 2010 – 2017 Director of Centre for Cognitive Neuroimaging, University of Glasgow, UK
- 2004 – 2006 Senior researcher in the MEG Laboratory, Department of Neurology, Heinrich-Heine University Duesseldorf
- 1998 – 2004 PostDoc in the MEG Laboratory, Department of Neurology, Heinrich- Heine University Duesseldorf

• FELLOWSHIPS AND AWARDS

- 2012 Wellcome Trust Joint Senior Investigator Award (€1.2M), UK
- 2012 Senior Fellowship Award, Zukunftskolleg, University of Konstanz, Germany
- 2010 Samuel Williamson Prize at the International conference for Biomagnetism, Dubrovnik, Croatia
- 2010 Senior Fellowship Award, Zukunftskolleg, University of Konstanz, Germany
- 2003 2nd Science Prize of Nordrhein-Westfalen for the work: “Tomographic mapping of functional connectivity in the human brain using magnetoencephalography.”

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 2006 – 17 PostDocs, 9 PhD, (8 have moved to permanent academic positions)

• TEACHING ACTIVITIES (selected)

- 2017 – Weekly Institute Seminar
- 2006 – 2017 Brain Imaging Methods (Masters) in Brain Imaging Programme
 Basics of MEG, in PhD Programme

• ORGANISATION OF SCIENTIFIC MEETINGS

- 2019 Chair of the Scientific Committee of International conference on Biomagnetism 2020
- 2017 Member of organising committee, The interdisciplinary conference Coupling and Causality in Complex Systems, Cologne, Germany
- 2014 – Member of the Programme Committee of Biomag Conference (about 900 attendees)
- 2016 Chair of ESRC seminar series on multisensory integration, Birmingham
- 2010, 2012 Co-Chair of Human Brain Mapping educational sessions on MEG/EEG
- 2011 Chair, MEG UK conference Glasgow (about 150 attendees)
- 2009 Chair of international panel for development of MEG guidelines

- **INSTITUTIONAL RESPONSIBILITIES**

- 2017 – Director of the Institute for Biomagnetism and Biosignalanalysis, University of Muenster, Germany
- 2009 – 2017 Director of the Centre for Cognitive Neuroimaging (CCNi), University of Glasgow, UK
- 2007 – 2017 Member of Management group of Institute of Neuroscience and Psychology, University of Glasgow, UK
- 2007 – 2017 Head of MEG Lab, University of Glasgow, UK
- 2007 – 2017 Chair of Scientific project presentations, CCNi, University of Glasgow, UK
- 2010 – Chief Editor and administrator of the international mailing list for Magnetoencephalography (MEG) with 900 international subscribers.

- **REVIEWING ACTIVITIES**

- 2019 – Member of Scientific Advisory Board, University of Marseille, France
- 2018 – Chair of Scientific Advisory Board, University of Jyväskylä, Finland
- 2014 – 2017 Scientific Advisory Board, University of Cardiff, UK
- 2019 – Member of Advisory board, Fieldtrip software
- 2018 Evaluation committee member, Neurospin, France
- 2016 – 2019 Member of Neuroscience Panel, Norway Research Council, Norway
- 2016 – 2018 Member of expert pool and committee member for Biotechnology and Biological Sciences Research Council (BBSRC)
- 2013 – 2022 Associate Editor, Human Brain Mapping
- 2012 – 2016 Editorial Board Member, Neuroimage
- Since 2004 Grant reviewer for many funding agencies including: Agence Nationale de La Recherche (ANR) France; Biotechnology and Biological Sciences Research Council (BBSRC); Deutsche Forschungsgemeinschaft (DFG); Economic & Social Research Council (ESRC); European Union: ERC; Human Frontiers Science Program (HFSP); Medical Research Council (MRC); Research Foundation Flanders (FWO); Schweizerischer Nationalfonds (SNF); Wellcome Trust (UK)
- Since 2000 Reviewer for many journals including: Science, Nature Neuroscience, Neuron, PloS Biology, PNAS, Cerebral Cortex, Current Biology, eLife, eNeuro, Human Brain Mapping, Neuroimage, Journal of Neurophysiology, Journal of Neuroscience, Nature Communications, Trends in Neurosciences, Trends in Cognitive Sciences

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role</i>
The role of respiration for perception and cognition	DFG	300.000	2022-2025	PI
A taxonomy of brain rhythms in cognition	DFG	1.200.000	2022-2027	PI
Multi-channel transcranial direct current stimulation (mc-tDCS): a novel approach to modulate smooth pursuit eye movement control in healthy individuals and patients with psychotic disorders	DFG	620.000	2021-2024	PI
An integrated approach for studying dynamic body-brain interactions: The case of respiration	IZKF Münster	330.000	2019-2022	PI
Brain rhythms in speech production	DFG	295.000	2019-2023	PI

Natural and modulated neural communication	Wellcome Trust	1.200.000	2013-2019	PI
The neural representation of vocal emotion	BBSRC	900.000	2015-2019	PI
Pathways and mechanisms underlying the visual enhancement of hearing in challenging environments.	BBSRC	480.000	2015-2018	co-I
The Youth Mental Health Risk and Resilience Study	MRC	960.000	2014-2018	co-I
Investigating the neural basis for checking, selective attention and working memory in obsessive compulsive disorder	MRC	480.000	2013-2015	co-I
Partnership Grant of all UK MEG centres	MRC/ EPSRC	1.560.000	2015-2018	co-I
Audiovisual integration of identify information from the face and the voice	BBSRC	296.000	2012-2014	co-I
Cerebral processing of nonverbal affective vocalization	BBSRC	552.000	2011-2013	co-I
Modifying Brain Oscillations to drive perception	BBSRC	552.000	2011-2014	co-I
Neural Mechanisms of sensory awareness	Wellcome Trust	324.000	2011-2014	PI
Non-cryogenic integrated optical magnetometers for Magnetocardiography (MCG) and Magnetoencephalography (MEG)	Wellcome Trust	324.000	2009-2012	co-I
Investigating neural communication with multivariate autoregressive models	Wellcome Trust	216.000	2008-2011	PI
Social interaction: A cognitive-neurosciences approach	ESRC	5.100.000	2007-2011	PI
A methodological framework for spatio-temporal characterization of large scale oscillatory neural interactions in the human brain	VW-Stiftung	300.000	2001-2004	PI