



## Curriculum Vitae

Personal information **Jens Haueisen**

### Work experience

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**15/10/2005 – CURRENT – Ilmenau, Germany**

FULL PROFESSOR AND DIRECTOR – Technische Universität Ilmenau

Professor for Biomedical Engineering, Research and Teaching in Biomedical Engineering

Institute of Biomedical Engineering and Informatics Professional, scientific and technical activities

**01/03/2007 – 01/03/2013 – Ilmenau, Germany**

CHAIR OF THE BOARD – Free State of Thuringia

Chair of the board of the notified body of the EU Nr. 0118 at the Thuringian State Authority for metrology and verification

Activities of extraterritorial organisations and bodies

**01/07/1998 – 14/10/2005 – Jena, Germany**

HEAD OF THE BIOMAGNETIC CENTER – University Hospital Jena

Research and Teaching in Neuroscience

Department of Neurology Human health and social work activities

**01/07/1996 – 30/06/1998 – Jena, Germany**

POST-DOC – University Hospital Jena

Research in Neuroscience and Biomagnetism

Department of Neurology Human health and social work activities

### Education and training

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**01/01/1997 – 30/06/2003**

HABILITATION – Technische Universität Ilmenau, Germany

**01/01/1993 – 30/06/1996**

PH.D. – Technische Universität Ilmenau, Germany

**01/10/1987 – 30/11/1992**

MSC – Technische Universität Ilmenau, Germany

**Field(s) of study**

- Engineering, manufacturing and construction : Electricity and energy

### Additional information

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#### Publications

Precise motor mapping with transcranial magnetic stimulation

doi.org/10.1038/s41596-022-00776-6

**Low intensity transcranial electric stimulation: Safety, ethical, legal regulatory and application guidelines**

<https://doi.org/10.1016/j.clinph.2017.06.001> – 2017

**Quality assessment of MEG-to-MRI coregistrations.**

10.1088/1361-6560/aab248 – 2018

**Alginate-based hydrogels as an alternative to electrolytic gels for rapid EEG monitoring and easy cleaning procedures.**

10.1016/j.snb.2017.02.164 – 2017

**A Large-Scale Brain Network Modeling Study**

10.1016/j.neuroimage.2016.02.015 – 2016

**Novel Multipin Electrode Cap System for Dry Electroencephalography**

10.1007/s10548-015-0435-5 – 2015

**Comparison of three-shell and simplified volume conductor models in magnetoencephalography**

10.1016/j.neuroimage.2014.01.006 – 2014

**Modeling Brain Resonance Phenomena Using a Neural Mass Model**

10.1371/journal.pcbi.1002298 – 2011

**Influence of anisotropic electrical conductivity in white matter tissue on the EEG/MEG forward and inverse solution. A high resolution whole head simulation study**

10.1016/j.neuroimage.2010.02.014 – 2010

**Involuntary Motor Activity in Pianists Evoked by Music Perception**

10.1162/08989290152541449 – 2001

## Projects

## Memberships

- Member of the Saxon Academy of Sciences since 2014
- Member of the Cluster Board of the Free State of Thuringia since 2015
- Member of editorial board in scientific journals: "Brain Topography" since 2018 • "Frontiers in Human Neuroscience" since 2017 • Associate Editor "Medical Physics" 2010 • "Biomedical Engineering" since 2006, EIC since 2023 • "Biomagnetic Research and Technology" 2004-2008
- German Society for Biomedical Engineering (Member of the Board of Directors since 2016, Director since 2019),
- Society of German Engineers, Member of expert committees,
- Biomedical Engineering Cluster "Medways" (Member of the Board of Directors, Director since 2014)

## Other Relevant Information