

Dr. Axel Thielscher
CV

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Education and Appointments

2022- **Head of Section**, Magnetic Resonance Section, Dept. of Health Technology, DTU
2021- **Professor of Neurophysics and Neuroimaging**, DTU
2012- **Senior Researcher**, DRCMR
2012-2021 Associate Professor, DTU
2008-2016 Project Group Leader, Max Planck Institute for Biol. Cybernetics, Tübingen, Germany
2005-2008 Research Scientist, MPI for Biological Cybernetics
2004-2005 Postdoctoral Researcher, Dept. of Psychology, Brown University, Providence, RI
1999-2004 Research Assistant, Dept. of Psychiatry, University of Ulm, Germany

Academic titles

2002 Ph.D. in Biomedical Sciences (summa cum laude/"with highest honor")
2008 Ph.D. in Electrical Engineering ("with highest honor")

Academic awards and honors

- Award for best PhD thesis in medicine & biomedical sciences, University of Ulm 2003
- Scholarship, German Academic Exchange Service, 2004
- Travel grant, German Research Council "Exzellenz Akademie Medizintechnik", 2006
- Teaching award, Max Planck Graduate School, 2011

Scientific focus areas

Computational dose control and biophysics of transcranial brain stimulation (see www.simnibs.org)
MR Electrical Impedance Tomography
Integrated neurostimulation-neuroimaging approaches

International relations

Collaborations and exchange with leading research groups at Duke U, Minnesota U, MPI Leipzig, Greifswald U, Oxford U, MPI Tübingen, Aalto U, Hasselt U, MGH.
PI and co-PI in several EU- and NIH-funded projects.
International partner multi-centre project MeMoSLAP funded by German Research Council
78 invited lectures & chairs at international conferences

Supervision and management experience

Main advisor (past and present) for 12 PostDocs and 10 PhD candidates
Co-advisor to 9 further PhD candidates
Main advisor on 23 MSc-, BSc- and Diploma-projects
Research group leader since 2008
Head of Section since 2022

Funding

25 grants from NIH (USA), EU Horizon, Lundbeck Foundation, Novo Nordisk Foundation, Independent Research Fund Denmark, Innovation Fund Denmark, German Research Council. Total funding volume: > 5.9 Mill. Euro

Publication overview

142 peer-reviewed papers (16 first authorships, 52 last authorships)
h-index 45; sum of scientific citations: 8472 (web of science)
h-index 61; i10-index 120; sum of scientific citations: 14607 (google scholar)