

Curriculum Vitae: Priv. Doz. Dr. Peter G. Thiolf



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Date und place of birth: 08.08.1960 (Frankfurt/Main, Germany)
Gender: Male
Nationality: German

EDUCATION

1987: Diploma in Physics, Ruprecht-Karls-University (RKU) Heidelberg
1992: PhD in Physics, University of Heidelberg
2004: Habilitation, Ludwig-Maximilians-University (LMU) München

ACADEMIC CAREER

1992-1994: Scientific employee, Max-Planck-Institute (MPI) for Nuclear Physics, Heidelberg
1995-1996: Research Associate at National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, MI, USA
1996-2004: Scientific Assistant, LMU München
2002: Appointment as 'Akademischer Rat' at LMU Munich
since 2004: 'Privatdozent', LMU München
2006: Promotion to 'Akademischer Oberrat' at LMU Munich

PROFESSIONAL ACTIVITIES

2003-2005: Coordinator of the multi-national EU-funded research network 'IonCatcher'
since 2004: Project leader in the DFG-funded Transregional Collaborative Research Center TR18 'Relativistic Laser-Plasma Dynamics'
2006-2009: Coordinator of the multi-national EU-funded research network 'SAFERIB'
2006-2010: Member of the Steering Committee of the EU-Project 'EURISOL-Design Study'
since 2006: Principal Investigator and project leader in the DFG Cluster of Excellence 'Origin and Structure of the Universe'
since 2006: Project leader in the DFG Cluster of Excellence 'Munich-Centre for Advanced Photonics (MAP)'
2006-2009: Research Area Coordinator: 'Fundamental Physics and Nuclear Transitions' in the DFG Cluster of Excellence MAP
2010-2011: Deputy Research Area Coordinator: 'Fundamental Physics and Nuclear Transitions'
2006-2011: Board Member of the DFG Cluster of Excellence MAP

since 2010: Member of the Collaboration Committee of the DESIR facility at SPIRAL-2 (Caen/France)
2010-2012: Member of the Executive Board of the EU funded Research Infrastructure: ELI-Nuclear Physics (Bucharest, Romania)
since 2012: Council Member of the NUSTAR collaboration at FAIR (Darmstadt/Germany)
2012-2018: Member of the 'Expert Committee Experiments (ECE)' at the International FAIR facility (Darmstadt)
2012-2017: Deputy project leader of the Centre for Advanced Laser Applications (CALA) in Garching
2014-2016: Member of the Scientific Council of the Institut Laue-Langevin (ILL, Grenoble/France)
since 2015: Member of the PHELIX high-intensity laser program committee at GSI
since 2016: Coordinator of the H2020 Networking Activity NA5-MediNet within ENSAR2
since 2016: Chairman of the PHELIX high-intensity laser program committee at GSI
since 2016: Member of the Scientific Advisory Committee of the ELBE – Center for High Power Radiation Sources (Helmholtz-Zentrum Dresden-Rossendorf)
since 2020: Member and Chair of the Scientific Council of the GSI Helmholtz Institute Jena

PEER REVIEWING ACTIVITIES:

Regularly active as referee for: Physical Review Letters, Physical Review C, Physics Letters B, Physics in Medicine and Biology, Nuclear Instruments and Methods A/B, European Physical Journal A, Journal of Instrumentation, IEEE Transactions on Nuclear Science

SUPERVISIONS:

11 PhD theses, 7 diploma theses, 13 MSc theses, 15 BSc theses, 7 Postdoctoral Fellows , currently ongoing: 3 PhD thesis projects, 2 MSc thesis projects, 2 BSc thesis projects

MAIN PROJECTS:

Currently 4 running third-party funded projects as PI or project leader

FELLOWSHIPS

1980 – 1987: Fellow of the 'Studienstiftung des Deutschen Volkes'

AWARDS

2017: GSI/FAIR GENCO membership award
2019: ERC Synergy Grant

RESEARCH INTERESTS

Development of a nuclear clock, instrumentation for medical physics applications, structure of exotic nuclei, nuclear mass spectrometry, laser ion acceleration, fundamental physics