

Short CV Prof. Dr. Michael Schlierf

Professor for Molecular Biophysics, B CUBE, TU Dresden, Tatzberg 41, 01307 Dresden, Germany

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Personal Details and Work Experience

Born: 1. November 1978, Nürnberg, Germany
ORCID: 0000-0002-6209-2364
2017 – present Affiliated at Institute of Applied Physics TU Dresden
2017 – present Professor Molecular Biophysics (W2) at B CUBE, TU Dresden
2010 – 2017 Independent group leader at B CUBE, TU Dresden

Current Fields of Interest

Biophysics of the development and transmittance of antibiotic resistances; biophysics of membrane protein (mis)folding; single-molecule techniques for *in vitro* & *in vivo* studies

Educational Background

2008 – 2010 Postdoc, Physics Department, U Illinois, USA, Prof. Taekjip Ha
2005 – 2008 Dr. rer. nat., Physik, TU München with Prof. Dr. M. Rief
2001 – 2002 Physique fondamentale, Université Paris XI, France
1999 – 2004 Diplom-Physik, LMU München, Germany

Honors, Awards & Recognitions

2021 Graduiertenakademie Betreuerpreis finalist
2014 & 2018 Dresden Outstanding Mentor Award; finalist
2014 – 2017 TU Dresden Young Investigator
2009 – 2010 DFG Postdoctoral Fellowship SCHL1896/1-1
2005 – 2008 PhD-Scholarship *Studienstiftung des deutschen Volkes*
2005 – 2008 PhD-Scholarship *Doctorate Program Nano-Bio-Technology*

Extracurricular activities

2022 – present CMCB and EXC PoL IT strategy development (CDIO)
2019 – 2023 (Co-) Director of B CUBE (7+ research groups; ~100 persons)
2018 – present Study dean of MSc NanoBioPhysics and MSc Physics of Life
2020 – present Vorstandsmitglied Forschungsgemeinschaft Mukoviszidose e.V.
2018, 2019 Panel member of the French funding organization ANR
2017 – 2021 Speaker of Section *Molecular Biophysics* of DGfB
2012 – present Presentation of our lab at *Dresden Long Night of Sciences*
2011 – present Ad-hoc peer review for journals, grants, tenure evaluations

Current Funding

2024 – 2028 380 kEUR NFDI4BIOIMAGE Research Data Management for CMCB
2024 – 2026 288 kEUR DFG SCHL1896/9-1
2024 – 2025 200 kEUR Physics of Life Nucleation grant (w. M. Jahnel)
2024 – 2027 257 kEUR DFG SCHL1896/4-3
2023 – 2025 362 kEUR DFG SCHL1896/6-1
2020 – 2024 163 kEUR Mukoviszidose Institut GmbH

Publications

57 original publications, 4 review articles, 2 commentaries, 2 book chapters, 1 patent
h-index 27, i10-index 47, 3145 citations (15 Feb 2024) link to [Google Scholar](#) or [Pubmed](#)