

Curriculum Vitae

Jun.-Prof. Katrin Amann-Winkel

Max-Planck-Institute for Polymer research
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CURRENT POSITION

since 10/2021

Junior Professor (tenure track)

Johannes Gutenberg University Mainz, Institute for Physics, Germany

Group Leader at the department of “Physics at interfaces”

Max-Planck-Institute for Polymer research, Department Prof. Butt, Mainz, Germany

PREVIOUS POSITIONS

2019 – 12/2023

Senior researcher, independent group leader

Department of Physics, Stockholm University, Sweden

2014 - 2018

Researcher (within the group of Prof. Anders Nilsson)

Division of Chemical Physics, Department of Physics, Stockholm University, Sweden

2010 – 2014

(with break of
maternity leave)

Post-Doctoral Fellow

Principle Investigator of an **FWF Hertha-Firnberg project**

Institute of Physical Chemistry, University of Innsbruck, Austria

10 - 11 / 2009

Guest researcher (within the group of Prof. Maria Antonietta Ricci)

Department of Physics, University Roma Tre, Italy

2009 – 2010

Post-Doctoral researcher (within the group of Prof. Thomas Loerting)

Institute of Physical Chemistry, University of Innsbruck, Austria

2005 - 2009

Research Assistant

Institute of General, Inorganic and Theoretical Chemistry,
University of Innsbruck, Austria

11-04 – 01-2005

Research participant in the *Material research group* of GSI
(Gesellschaft für Schwerionenforschung) / Darmstadt

EDUCATION

05 / 2009

Dissertation (Title: *Study of amorphous-amorphous transitions in water*)

University of Innsbruck, Institute of General, Inorganic and Theoretical
Chemistry, Prof. E. Mayer and T. Loerting, Austria

09 / 2004

Diploma-Thesis (Title: *Study of the ultraslow molecular reorientation
in amorphous ice phases*) Prof. Franz Fajara

Institute of solid state physics, TU Darmstadt, Germany

1997 – 2004

Physics studies, Technical University of Darmstadt, Germany

AWARDS AND HONORS

2015 Liechtenstein Award for Scientific Research 2014 / Principality Liechtenstein

2014 Fritz Kohlrusch Award 2014 / Austrian Physical Society (ÖPG)

2010 Georg und Christine Sosnovsky Award 2010 for outstanding PhD-Thesis / Uni Innsbruck

2009 Karlheinz Seeger Award 2009 for outstanding PhD-Thesis / Austrian Physical Society (ÖPG)

FUNDING AND GRANTS

Period	Type & Title	Funding agency
10/23 – 10/27	PI of subproject within SFB 1552	DFG
12/22 - 2025	PI of subproject within GRK 2516,	DFG
10/21 - 09/23	Carl-Zeiss-Foundation-Fund Grant in connection to recruitment to JGU Mainz	Carl-Zeiss-Stiftung, (Germany)
2022 – 2025	Joint PhD position in collaboration with DESY and Eu-XFEL	Centre for Molecular Water Science (CMWS), (Germany)
2019 – 2023	Swedish Foundations, Starting Grant „Probing the Glass-Liquid-Liquid-ice transitions in amorphous water with X-rays“	Ragnar Söderberg Stiftelse (Sweden)
2010 – 2014	Hertha-Firnberg Project grant T463	Austrian Science Fund (FWF)

INSTITUTIONAL RESPONSIBILITIES

- since 08/2023 Board-Member on newly funded SFB 1552, Mainz
- 2020 – 2022 Member of the organizing **committee for the Physics Colloquium** at the Alba Nova University Center, Stockholm, Sweden
- 2016 – 2019 Organizing weekly seminar for the Division of Chemical Physics and Atomic Physics
- since 2016 Stockholm University: Thesis committee assignments on several Bachelor- Licentiate- and Pre-PhD-thesis, Mentorship for two PhD students

SCIENTIFIC COMMITTEE ASSIGNMENTS and REVIEWING ACTIVITIES

- 2019-2022 Member of the **European XFEL User Organization** Executive Committee
- 2019-2022 Elected Board member of the **AMO physics section** of the Swedish Physical Society
- since 12/2018 Co-speaker for the part “Fundamental properties of water” within the DESY initiative “**CMWS**”(center for molecular water science)
- since 2018 Steering group member of **DESIREE** national infrastructure / Sweden
- since 2011 Reviewer for international Peer-Review Journals (JCP, PCCP, Nature Communications, Chemical Science, PNAS, PRL)

ORGANISATION OF SCIENTIFIC MEETINGS

- since 2021 Member of scientific committee
International conference of the physics and chemistry of ice (PCI), Sapporo 2023
- 2019 Co-organizing the AMO session at the annual meeting of the Swedish Physical Society (Fysikdagarna, Linköping, October 2019)

GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

- 02 / 2022 - present **PhD student, JGU Mainz:** Tobias Eklund
- 10 / 2019 - present **PhD student, SU:** Aigerim Karina
- 10 / 2019 – 2022 **PostDoc:** Hailong Li

BACHERLOR AND MASTER STUDENTS AT JGU MAINZ

- 09 / 2023 - present Fiona Berner
- 2023 (will defend 10/23) Kenneth Heß
- 2023 (will defend 10/23) Sadeed Hameed
- 2023 (defendet 09/23) Louisa Kraft