

Curriculum Vitae

Personal Data

Family status: Married, 2 children (*1997 (stepson), *2015)
Address: Institute for Physical Chemistry
Friedrich-Schiller University Jena
Helmholtzweg 4
D-07743 Jena, Germany
Phone: +49 3641 9 48330
Fax: +49 3641 9 48332
Email: s.graefe@uni-jena.de
Website: www.theochem.uni-jena.de
Researcher identifier: orcid.org/0000-0002-1747-5809

Education

1998 – 2003 Study of Chemistry, University Würzburg, Germany
07/2002 – 01/2003 **Diploma thesis** in the group of Prof. Volker Engel
Topic: Time-dependent photo-electron spectroscopy of non-adiabatic processes
01/2003 Graduation diploma (chemistry) (grade: very good)
Faculty award: best diploma
04/2003 – 05/2005 **Dissertation** in the group of Prof. Volker Engel
Topic: Laser-Control of Molecular Dynamics
05/2005 Graduation: PhD (Dr. rer. nat.), grade: very good with distinction (*summa cum laude*).
Faculty award: best dissertation

Positions held

Since 04/2021 Associated Member, Scientific Board of Directors and Senior Principal Scientist Quantum Optics, Fraunhofer Institute for Applied Optics and Precision Engineering
Since 12/2020 **W3 Professor for Physical and Theoretical Chemistry**, Institute for Physical Chemistry, University of Jena, Germany
04/2013 – 11/2020 **W2 Professor for Theoretical Chemistry**, Institute for Physical Chemistry, University of Jena, Germany
03/2011 – 03/2013 Elise Richter research position at the Institute for Theoretical Physics, Vienna University of Technology, Austria
04/2009 – 09/2009 Temporary Professorship for Physical and Theoretical Chemistry (substitute), Institute for Physical Chemistry, University of Jena, Germany
03/2008 – 02/2011 Postdoctoral fellow at the Institute for Theoretical Physics, Vienna University of Technology, Austria. Host: Prof. Dr. Joachim Burgdörfer
03/2006 – 02/2008 Postdoctoral fellow (Leopoldina) at the Steacie Institute of Molecular Sciences, National Research Council Canada with Prof. Dr. Misha Ivanov

05/2005 – 02/2006 Postdoctoral fellows in theoretical chemistry; Institute for Organic Chemistry (with Prof. Dr. Bernd Engels), University Würzburg, Germany

Scholarships and Awards

2020 Call (Ruf) W3 professorship “Theoretical Chemistry” of the University Leipzig (*declined*)

2017 **ERC Consolidator Grant**

2006 – 2008 Postdoctoral scholarship of the Deutschen Akademie der Naturforscher Leopoldina

2008 – 2011 “Lise Meitner” Postdoctoral scholarship of the Austrian Science Fund (FWF)

2011 – 2013 Elise-Richter position of the Austrian Science Fund (FWF)

2006 Prize of the faculty chemistry and pharmacy for the best dissertation

2003 Prize of the faculty chemistry and pharmacy for the best diploma

Memberships

Deutsche Bunsen Gesellschaft für Physikalische Chemie (DBG),
Deutsche Physikalische Gesellschaft (DPG),
Verein zur Förderung der Chemie-Olympiade;
Member of the research network (COST Action) „*XLIC*“
Management Committee member of the research network “*AttoChem*” (Cost Action 18222)

Institutional Responsibilities

Director, Abbe Center of Photonics, Jena (since 2014)
Member of appointments committees
Head of appointments committees
Member of an evaluation commission
External member of an appointments committee
External committee member/referee of PhD thesis (University Vienna, HU Berlin, ICFO Barcelona, TU Freiberg)
Member of the steering committee / profile line “LIGHT” of FSU Jena
Deputy member of the senate of FSU Jena
Director, Max Planck School of Photonics
Associated Scientific Director, Fraunhofer Institute for Applied Optics and Precision Engineering

Commissions of Trust

Member of the Proposal Review Panel SLAC, section Atomic and Molecular Physics (2014-2018)

Member in the program committee of the Bunsen-conference 2019 (in Jena)

Member in the board of the *Atomic and Molecular Physics Division* (AMOPD) of the European Physical Society (EPS) (since 2019)

Fellow of the *Max Planck School of Photonics* (2019-2021)

Steering Committee Member US-German Initiative on Solar Fuels Research (since 2021)

Co-Speaker of the collaborative research area SFB NOA “Nonlinear Optics down to Atomic Scales” (2019-2023)

Referee of the Postdoctoral program of the Nationalen Akademie der Wissenschaften
Leopoldina

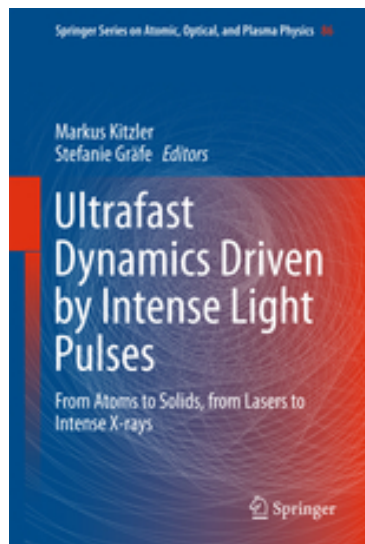
Referee for the Deutsche Forschungsgesellschaft (DFG), including SFBs and GRKs

Referee for the European Research Council (ERC), including Starting and Consolidator Grants

Mentor in the Mentoring Program für female postdocs in the university network Halle-Jena-Leipzig

Referee for several journals, such as e.g. Nature Physics, Science, Physical Review Letters, Angewandte Chemie, Physical Review A, New Journal of Physics, Journal of Chemical Physics, Physical Chemistry Chemical Physics, Chemical Physics, Journal of Physics B, Physica Scripta, Scientific Reports, Journal of Optics, Optics Express, European Physics Journal D, Journal of Chemical Physics, Journal of Physical Chemistry A, Chemical Physics, Chemical Physics Letters etc.

Editorial Activity:



M. Kitzler and S. Gräfe (editors):
“Ultrafast Dynamics Driven by Intense Laser Pulses –From Atoms to Solids, from Lasers to Intense X-rays”,
Springer Series on Atomic, Optical, and Plasma Physics 86,
Springer (2015).