

Dr. Katrin F. Domke – Curriculum vitae

Professional experience and education

- since 11/2012 **Independent group leader (Emmy Noether, Boehringer Ingelheim Plus 3)**,
MPI for Polymer Research, Germany
Electrochemical surface science – www.mpip-mainz.mpg.de/domke
- 8/2008 – 10/2011 Postdoc, FOM Institute AMOLF, The Netherlands
Research project: Ultrafast nonlinear spectroscopy at condensed phases
Advisor: Prof. Mischa Bonn
- 1/2008 – 6/2008 Postdoc, Bern University, Switzerland
Research project: Enhanced Raman spectroscopy at the solid/liquid interface
Advisors: Prof. Silvio Decurtins, Prof. Thomas Wandlowski
- 1/2007 – 12/2007 Postdoc, Fritz Haber Institute of the Max Planck Society, Germany
Research project: Tip-enhanced Raman spectroscopy
Advisor: Dr. Bruno Pettinger
- 12/2006** **Dr. rer. nat. (summa cum laude)**, Free University Berlin, Germany
- 4/2004 – 12/2006 PhD student, Fritz Haber Institute of the Max Planck Society
PhD thesis: Tip-enhanced Raman spectroscopy – Topographic and
chemical information on the nanoscale
Supervisors: Prof. Gerhard Ertl, Dr. Bruno Pettinger, Prof. K. Christmann
- 3/2004** **Diplom Chemikerin (Gesamtnote sehr gut)**, Bonn University, Germany
- 10/1998 – 3/2004 Chemistry studies, Bonn University
Diplomarbeit: Restrukturierung einer Ag-Adsorptionsschicht durch CO-Koadsorption
Supervisor: Prof. Helmut Baltruschat
- 2/2002 – 7/2002 Chemistry studies, CSIC and Sevilla University, Spain
Research project: CH-activation of ethers with Tp*-iridium complexes
Supervisor: Prof. Ernesto Carmona Guzmán
- 7/2001 – 12/2001 Chemistry studies, Alicante University, Spain
Research project: Cyclic voltammetry and infrared spectroscopy at stepped Pt(100)
Supervisor: Prof. Juan M. Feliu

Professional activities and awards

since 11/2018	Vice Chair of Division 7 of the International Society of Electrochemistry
7/2017	Awarded a Boehringer Ingelheim Plus 3 fellowship
since 3/2016	Steering committee member of Carl-Zeiss ELYSION project at JGU Mainz
since 10/2015	Coordinator of EU ITN Female Investigators in Nonlinear Optical Nanoscopy
since 5/2014	Selected Member of the Elisabeth Schiemann Kolleg of the Max Planck Society
since 10/2013	Selected Member of AcademiaNet (online platform for leading women scientists)
since 9/2013	Scientific-technical-coordination representative for Department of Molecular Spectroscopy at MPIP
since 5/2013	Junior Faculty of Max Planck Graduate Center MPGC, Mainz
7/2012	Awarded an Emmy Noether Research Group (DFG)
since 2008	Active member of the Karriereforum of the Deutsche Bunsengesellschaft
4/2008 – 7/2010	Awarded a Feodor Lynen fellowship for postdocs (A. v. Humboldt Foundation)
11/2007	Awarded the " Wilhelm-Ostwald-Nachwuchspreis 2007 " (Wilhelm-Ostwald-Gesellschaft zu Großbothen e.V., Deutsche Bunsengesellschaft and GDCh)
8/2007	Awarded a "Promotional Lecture" (European CMA Network of Excellence)
1/2007	Selected participant at EU forum "Junior meets Senior"
since 2007	Mentor for Minerva FemmeNet of the Max Planck Society
2/2006 – 12/2007	Equal opportunity commissioner at the Fritz Haber Institute

Publications **43 published** peer-reviewed papers of which 12 first, 17 last/corresponding authorships

1649 citations, h-index 20 (Google scholar, May 2019)

40 invited conference talks, > 60 invited seminars at national and international meetings/institutions

Funding Total of ca. **3.89 Mio EUR third-party group funding** since 2014.

Supervision

Current group	1 HiWi, 1 Bachelor student, 3 Master students, 2 PhD students, 2 postdoctoral researchers, 2 associated technicians, 1 administrative staff
Former group	4 PhD theses and 1 Master's thesis completed; 2 Humboldt postdocs hosted

Teaching summary

Regularly	Invited lecturer at surface-science and/or spectroscopy related summer schools
since 2016	Optical spectroscopy lecture at MPIP, with department scientists
since 2013	Electrochemistry Masters' course (lectures, exercises, practical course, exams) at JGU Mainz (annual, with JGU scientists)
2008	Teaching assistant in physical chemistry (seminars, exercises, exams), organization of laboratory course in physical chemistry, lecture on Raman spectroscopy at surfaces (2 hrs, part of a block course) at Bern University
1998 – 2003	Teaching assistant in physical chemistry (seminars, exercises) at Bonn University

Soft skills and outreach

Participated in and organized courses on scientific writing, presenting, communication, team building, conflict and time management, leadership, unconscious bias

Organized and carried out experiments at Kindergarten, primary school, university, Wissenschaftsmarkt, Open Days etc.

Peer review

ACS Nano, Advanced Materials, Analytical and Bioanalytical Chemistry, Analytical Chemistry, Angewandte Chemie, Carbon, Chemistry – A European Journal, ChemPhysChem, Journal of the American Chemical Society, Journal of Biophotonics, Journal of Physical Chemistry, Journal of Raman Spectroscopy, Nano Letters, Nanoscale, Nature, Physics Today, Small;
Proposal reviews for ACS, DFG, ETH Zürich Grants, European Commission, National Science Center Poland, Research Councils UK

Affiliations

Deutsche Bunsen-Gesellschaft, Deutsche Physikalische Gesellschaft, International Society of Electrochemistry, Royal Society of Chemistry

Languages

German (native), English & Spanish (excellent), Dutch, French & Italian (good)

May 28, 2019