UNIVERSITÄT BAYREUTH

Name **Prof. Dr. Anna Köhler**

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EDUCATION

1993-1997	PhD, Cavendish Laboratory, University of Cambridge, UK *Photocurrent spectroscopy in conjugated polymers*
1992-1993	Study of Mathematics (MASt 1993), Department of Applied Mathematics and Theoretical Physics (DAMTP), University of Cambridge, UK
1989-1992	Study of Physics (Diplom 1998), Study of Mathematics (Vordiplom 1992), Universität Karlsruhe (TH), Germany

ACADEMIC CAREER

seit 2007	Professor (W3), Chair of Soft Matter Optoelectronics, Universität Bayreuth, Co-director of the Bayreuth Institute of Macromolecular Research (BIMF)
2004-2007	Professor (C3), Chemical Physics, Universität Potsdam
2002-2003	Lecturer, Department of Physics, King's College London, UK
1999-2004	Royal Society University Research Fellow, Cavendish Laboratory, University of Cambridge, UK
1996-1999	Peterhouse Research Fellow, Cavendish Laboratory, University of Cambridge, UK

ACADEMIC AND ADMINISTRATIVE SERVICE

since 2019	Executive director of the Bayreuth Centre of International Excellence "Alexander von Humboldt"
since 2019	Executive director of the Physical Institute
since 2018	Deputy ombudsman for self-control of science for the University of Bayreuth
2013-2016	Vice president for International Affairs and Diversity Management, Universität Bayreuth,
2011-2017	Member of the Stern-Gerlach-Prize Committee (the most prestigious german award for experimental physicists of the Germany Physical Society, DPG),
2011-2013	Elected member of the Senat, Universität Bayreuth,
since 2011	Liaison officer of the Konrad-Adenauer Stiftung,
since 2010	Director for the PhD program Soft Matter Physics, Nonlinear Dynamics and Solid State Physics, BayNAT graduate school, Universität Bayreuth,
2009-2013	Member of the presidential committee for international affairs, Women's officer at faculty level, Elected Member of the Faculty Board, Universität Bayreuth
1999-2004	Fellow of the Governing Body, Peterhouse College, Cambridge, UK

SCIENTIFIC LEADERSHIP AND MEMBERSHIPS

Conference Organisation: Vice-Chair (2016) and Chair (2018), Gordon Research Conference, *Electronic Processes in Organic Materials*, Lucca, Tuscany. Symp. Hybrid Funct. Mater. for Opt. Appl., MRS (2007), SF, USA

Scientific Grant Coordinator role: - Coordinator of the EU Marie-Skłodowska-Curie Integrated Training Network (ITN) *Using the smart matrix approach to enhance TADF-OLED efficiency and lifetime (since 2018)*, - Coordinator of the trilateral German-Ukrainian-Russian project of the Volkswagen Foundation *Understanding the dependence of charge transport on morphology in organic semiconductor films (2016-19)*

External Advisory board: ACS Applied Electronic Materials

Memberships: – Professional bodies: German Physical Society (DPG), Gesellschaft Deutscher Chemiker (GDCh), The Royal Society of Chemistry (RSC), Materials Research Society (MRS), American Chemical Society (ACS);
– Research institutes: Bavarian Polymer Institute (BPI), Bayreuth Institute of Macromolecular Research (BIMF), Bayreuth Materials Centre (BayMAT), Bavarian Coordination Project *Solar Technologies Go Hybrid* (SolTech);
– Study and PhD Training programs: *Macromolecular Science* of the Elitenetzwerk Bayern (ENB), GRK 1640 *Photophysical processes in Synthetic and Biological Multichromophoric systems* of the DPG.

Reviewing: Grant proposal reviewer for a range of funding agencies (DFG in Germany, NSF in USA, NRC in Canada, FNP in Poland, NWO in Netherlands,) and service on panels (Priority programs for DFG, SFB programs des FWF in Österreich); reviewer for a wide range of scientific journals (e.g. Nature, Wiley, ACS, IOP and RCS journals)

AWARDS AND HONOURS

2019	Fellow of the Royal Society of Chemistry
2019	Alexander Todd - Hans Krebs Lectureship in Chemical Sciences, joint Award by the Royal Society of Chemistry, UK and GDCh, Germany
1999	Royal Society University Research Fellowship, UK
	Supernumery Fellowship, Peterhouse College, Cambridge, UK
1996	Research Fellowship, Peterhouse College, Cambridge, UK
1994	Fellowship, German Academic Exchange Service (DAAD)
1993	Ribbands Research Studentship, Wolfson College, Cambridge, UK
1993	Stipend, Kurt Hahn Trust, Cambridge, UK
1989	Stipend, Konrad-Adenauer Stiftung, Germany
1989	Scholarship, Fulbright Foundation, Germany

RESEARCH PROFILE

Research in the Köhler group explores the electronic processes in materials ranging from organic/organometallic molecules and solids to nanostructured and hybrid systems. Current work of Professor Köhler focusses on common processes such as energy and charge transfer, spin transitions, self-assembly, nanoscale and interfacial electronic phenomena in organic and organometallic semiconductors, and the application of these processes in devices. The group applies their leading expertize in the optical and electrical spectroscopy to unravel the dynamics of photophysical processes. Close collaboration exist with device physicists, theoretical researchers, synthetic chemists and material scientists that allow to advance the development of these materials for semiconductor device applications such as energy harvesting, sensing, spintronics, lighting and displays.