

Curriculum Vitae – Paul Kögerler

Personal Details

Born 1971 in Vienna (Austria)

Married to Malgorzata Anna Kögerler, three sons

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Academic and Professional Career

- 1990 – 1996 Study of Chemistry at the University of Bielefeld (Germany), including 6-month research courses at the University of Santiago de Compostela (Spain) and the National University of La Plata (Argentina); final diploma grade: 1.0
- January 1996 – September 1996 Diploma with Prof. Dr. Achim Müller (Univ. Bielefeld), Thesis: “The electronic structure of reduced polyoxometalates”
- November 1996 – November 2000 Doctoral studies (Dr. rer. nat.) with Prof. Dr. Achim Müller (Univ. Bielefeld), Thesis: “Polyoxomolybdates: building blocks for mesoscopic spin structures”, completed with distinction (*summa cum laude*)
- December 2000 – November 2003 Post doctoral researcher, U.S. DOE Ames Laboratory, Iowa State University, Ames, IA (USA), Condensed Matter Physics group
- November 2003 – May 2007 Associate Scientist, U.S. DOE Ames Laboratory; Principal Investigator, Ames Laboratory Magnetic Molecules program
- July 2006 Offer for an accelerated tenure-track faculty position at the Department of Chemistry at Iowa State University (declined)
- May 2007 – August 2013 External Associate, U.S. DOE Ames Laboratory (as part of a Memorandum of Understanding between Ames Laboratory and Research Centre Jülich)
- Since Nov. 2006 Joint appointment as University Professor (W2), Institute of Inorganic Chemistry, RWTH Aachen University and Group Leader for Molecular Magnetism, Peter Grünberg Institute (PGI-6), Research Centre Jülich
- August 2014 Offer for Chair of Materials Chemistry, Heriot Watt University Edinburgh (declined)
- March 2017 Offer for W3 Professor for Inorganic Chemistry, Martin Luther University Halle-Wittenberg (declined)

Research Profile

Molecular metal oxides, including classical and non-classical polyoxometalate-based systems. Homogeneous oxidation catalysis, water oxidation and artificial photosynthesis. Chemistry and physics of molecule-based magnetic materials. Single-molecule electronics and spintronics. ERC Grant MOLSPINTRON (“Synthetic Expansion of Magnetic Molecules into Spintronic Devices”). Chemical and physical properties of surface-adsorbed magnetic molecules, including specifically designed transition metal and lanthanide complexes. Development of magnetochemical simulation code (CONDON). Experimental and ab initio studies of formation and reaction mechanisms of molecular metal oxides. Covalent functionalization of graphene and carbon nanotubes.

Publications and Citations (August 2022)

- 334 publications (322 peer-reviewed, 12 book chapters)
- Web of Science: Sum of Times Cited (without self-citations): > 10600, avg. citations: 38.9, h-index: 59
- Google Scholar: Citations: > 11500, h-index: 62