

Prof. Dr. Vera Krewald

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Main areas of research

- ◆ Theoretical inorganic chemistry
- ◆ Magnetic interactions and theoretical spectroscopy
- ◆ Computational catalysis and photochemistry
- ◆ Nitrogen fixation, water oxidation, oxygen reduction

Employment and academic vita

Since 12/2018 **Professor for Theoretical Chemistry** (W2, tenure track)
TU Darmstadt, Dept. of Chemistry

01/2017–11/2018 **Prize Fellow** in the Faculty of Science
50th Anniversary Prize Fellowship, University of Bath, Dept. of Chemistry, UK

04/2016–12/2016 **Postdoctoral Researcher** (Marie-S.-Curie fellowship)
Research group of Prof. L. González, University of Vienna, Faculty of Chemistry, AT

09/2014–03/2016 **Postdoctoral Researcher**
MPI CEC, Mülheim/Ruhr

10/2010–08/2014 **Research Associate** (PhD student)
MPI CEC, Mülheim/Ruhr; Inst. f. Phys. and Theoretical Chemistry, University of Bonn

Education and degrees

08/2014 **Doctorate** (Dr. rer. nat.) in Chemistry
Prof. Dr. F. Neese, Dr. D. A. Pantazis; MPI CEC, Mülheim/Ruhr and University of Bonn

09/2010 **Diploma** (Dipl.-Chem.) in Chemistry
Prof. Dr. F. Neese, Dr. D. A. Pantazis; University of Bonn

06/2005 **Abitur** at Gymnasium Zitadelle der Stadt Jülich, Germany

Prizes and awards

2014 Otto Hahn Medal

2013 63rd Lindau Nobel Laureate Meeting

2008–2013 Studienstiftung des Deutschen Volkes (ideational scholarship)

Funding received

2020 DFG project „*Photochemical Nitrogen Fixation*“ (428767511)

2016 Marie-S.-Curie Individual Fellowship „*Solar Dinitrogen Activation*“ (703860)

2008 DAAD scholarship for „International Research Experience for Undergraduates“ programme
Research internship with Prof. B. M. Ladanyi, Colorado State University, USA

Services to the scientific community

Since 2020 Mentor in the programme „Dialog Chancen“ of Aelius-Förderwerk e.V.

2019/2020 Guest editor special issue “DEAL – Germany’s #COMPCHEM Future” of the *International Journal of Quantum Chemistry* (Wiley)

Since 2018 Co-founder, Secretary General: *Quantum Bio-Inorganic Chemistry Society e.V.*; qbicsoc.org

09/2018 Host of the Quantum Bio-Inorganic Chemistry IV Conference (QBIC-IV)

Darmstadt, August 2020

V. Krewald