

Curriculum Vitae – Prof. Dr. Jürgen Janek



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Education

- 20.8.1964 born in Bückeberg (Lower Saxony, Germany)
- 1983 Abitur, Gymnasium Adolfinum (Bückeberg)
- 1989 Diploma in Chemistry, University of Hannover
- 1992 Dr. rer. nat., Physical Chemistry (Supervisor: Prof. H. Schmalzried)

Professional Experience

- 1992 – 1997 Scientific Assistant (C1), Physical Chemistry, University of Hannover
Member of SFB 173 „Local dynamics, transport and chemical reactions in ionic crystals“
Several research visits in Oxford (DAAD/ARC grant), Seoul
- 1997 Habilitation in Physical Chemistry (venia legendi)
- 1997 - 1999 Assistant Professor (C2), Physical Chemistry, University of Hannover
- 1999 Professor (C3) for Physical Chemistry, Christian-Albrechts-Universität zu Kiel
- 1999 Professor (C4, chair) for Physical Chemistry, Justus-Liebig-University Giessen
- since 1999 Director, Institute of Physical Chemistry, Justus-Liebig-University Giessen
- 2000 Vice-Dean, Faculty of Biology, Chemistry and Geosciences
- 2001-2003 Dean, Faculty of Biology, Chemistry and Geosciences
- 2004 Visiting Prof., School Mater. Sci. Eng., Seoul Nat. Univ. Seoul (3 months)
- 2004 Visiting Professor, Institute of Multidisciplinary Research on Advanced Materials, Tohoku University, Sendai, Japan (3 months)
- 2004 Chair for Physical Chemistry/Electrochemistry
at Technical University of Technology Dresden offered, declined
- 2004-2006 Vice-rector, Justus-Liebig-University Giessen
(research, international affairs, federal/state excellence initiative)
- 2008 Chair for Materials Science for Novel Energy Storage Systems at Karlsruhe Institute of Technology offered, declined
- 2008 Invited visit. Prof. (summer term), Univ. Aix-Marseille, Marseille, France
- 2010 Member of WCU-Program (World Class Univ.), Seoul Nat'l. Univ., Korea
- since 2010 Member of International Research Network „Electrochemistry and Batteries“
funded by BASF SE (Ludwigshafen, Germany), projected end in 12/2019
- since 2010 Member/Principal Investigator in Transregio-SFB 79 at JLU Gießen
- since 2011 Scientific head of the joint battery lab “BELLA” of BASF SE and KIT
at Karlsruhe/Germany, Research Unit Chair at Institute of Nanotechnology
- 2013-2016 Coordinator of LOEWE state research program STORE-E on storage materials
- 2014-2016 Coordinator of Hessen Graduate School for Electromobility (HGP-E)
- 2015-2018 Vice-Dean of Department of Biology and Chemistry
- 2018- Dean of Department of Biology and Chemistry
- 2016- Director of Center for Materials Research (ZfM/LaMa) at JLU
- 2017- Member of Research Council of Research Campus of Central Hessen (FCMH)

Positions in Scientific Organisations

- 2001-2009 Member of Advisory Board, Liebig-Society, Giessen
- 2002-2008 Scientific Coordinator, DFG priority program 1136

- “Substitutional effects in ionic solids (e. g. oxinitrides)”
- 2004-2010 Elected member of the DFG review board, Head of the panel for „Chemistry of the solid state“ (until 2012)
- since 2004 Member of Executive Committee, Foundation Liebig Museum
- 2006-2012 Member of Executive Committee, Solid State Research and Materials Science Division, GDCh
- 2007-2009 Chairman of the German University Professors in Chemistry (ADUC)
- 2007-2009 Member of advisory board of BV MatWerk (German Association of Societies in Materials Science and Engineering), Delegate of GDCh
- 2009-2011 Chairman of BV MatWerk, Head organisation of national societies for materials science and technology
- 2011-2015 Scientific Member of DFG Senate Committee for Collaborative Research Centres (SFB)
- 2015-2019 Member of the Scientific Advisory Board of the Max-Planck-Institute for Solid State Research (Stuttgart, Germany)
- 2017- Vice-Chair of Advisory board “Battery Research Germany” of BMBF
- 2018 Vice-President of Deutsche Bunsen-Gesellschaft für Physikalische Chemie

Grants/Awards/Prizes

- 1989-1991 Dr. rer. nat. scholarship, Fund of the Chemical Industry (FCI)
- 1998 Karl-Winnacker-Award, Karl-Winnacker-Foundation, Hoechst AG
- 1998 Nernst-Haber-Bodenstein-Award, Deutsche Bunsen-Gesellschaft für Physikalische Chemie
- 1999 Gerhard-Hess-Award by DFG (German Research Foundation)
- 2010 WCU-Program (Word Class University), Seoul National University, Korea
- 2015 Distinguished Lecturer at Helmholtz-Center Berlin, February 23rd, “*Materials Research for "Next Generation" Batteries*”
- 2016 Wilhelm Jost Memorial Lecture and Wilhelm Jost-Medal, Göttinger Akademie der Wissenschaften und Deutsche Bunsen-Gesellschaft

Chair of Editorial Board of “Batteries & Supercaps”, Regional Editor of “Science and Technology of Advanced Materials”, Member of the Editorial Advisory Boards of “Solid State Sciences”, “Progress on Solid State Chemistry”, “ChemElectroChem”.

Research areas:

Physical chemistry of solids, solid state ionics, electrochemistry, solid state reactions and transport processes, defect thermodynamics and kinetics, transport and reactions in high temperature fuel cells and batteries

Publications and scientific lectures

about 300 full (peer reviewed) papers, about 40 other papers, 10 patents
about 250 invited lectures

Giessen, August 2018