
PD Dr. Ján Minár

Date of birth: July 22, 1975
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Physikalische Chemie
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Areas of research

- Electronic structure of solids and low-dimensional systems
- Electron Spectroscopy with main focus to magnetic dichroism and Photoemission
- Free and Deposited Magnetic Clusters
- Electronic correlations and magnetism
- Electronic structure of correlated electron materials
- Development of band structure methods

Scientific career

1993 – 1998 Study of Chemistry, Technical University of Bratislava, Slovakia
1998 Diploma Degree, Thesis in theoretical solid state with title
The structure and properties of graphite monofluorid using the three-dimensional cyclic cluster approach, Technical University of Bratislava
2003 Ph.D. Degree, Thesis with title:
Spin orbit coupling influenced spectroscopies and resonant X-ray magneto-optical properties of transition metal systems
2002–2003 Post-doc at the Forschungszentrum Jülich with Prof. P. Dederichs
2003–2008 Post-doc at the Ludwig-Maximilians-University, München, Germany
2007 Invited guest scientist with Prof. M. Katsnelson, University of Nijmegen, Netherlands
2012 Habitation with title: *Correlation effects in transition metals and their alloys studied using the fully self-consistent KKR-based LSDA + DMFT scheme*, Ludwig-Maximilians-University, München, Germany
2012 Invited guest scientist at the Paul Scherrer Institute, Villigen, Switzerland
since 2012 Lecturer at Ludwig-Maximilians-University, München, Germany
Mai 2014 and July 2015 Guest professor at Universite de Cergy-Pontoise, Paris France
since 2014 Visiting Professor for theoretical solid state physics at New Technologies-Research Center, University of West Bohemia, Pilsen, Czech Republic

Dec 2015 Call as full professor of theoretical physics, University of West Bohemia,
Pilsen, Czech Republic

since April Extraordinary member of Center for NanoScience, LMU München
2015

Research stays

2003- Longer research stays in following groups:
Prof. M. Katsnelson, University of Nijmegen (Netherlands)
Prof. A. Lichtenstein, University of Hamburg (Germany)
Prof. Ch. Fadley, UC Davis (USA)
Prof. J. Staunton, University of Warwick (GB)
Prof. W. Temmerman, Daresbury (GB)
Prof. A. Jeziersky, Polish Academy of Science Poznan (Poland)
Dr. O. Šipr and Dr. J. Kuneš, Chzech Academy of Science Prague (CZ)
Dr. N. Brookes and Dr. S. Pascarelli, ESRF Grenoble (France)
Prof. K. Hricovini, University of Cergy (France)

Fellowships, awards and services to the community

1993 2-nd place at Czechoslovak Chemistry Olympiad

2008 - Regular referee for many international journals (among others Phys.
Rev. Lett., Nature Comm.)

 Referee of funding agencies: Swiss SFN, Austrian FWF, USA DOE

2011 Römer Prize, in the category habitation, Ludwig-Maximilians-University,
München, Germany

2014,2015 Guest professor for theoretical solid state physics at Universite de
Cergy-Pontoise, Paris France

2014- Member of managment comitee and workgroup leader (Correlations)
European cooperation in science and technology (COST) MP1306:
EuSPEC