

PROFESSIONAL PROFILE

A self-motivated hard working **Researcher** with experience in **Materials Science**. Good problem solving and analytical skills. Able to use own initiative and work as part of a team. Reliable, trustworthy, responsible, and meticulous.

PERSONAL DATA

Place and date of birth: Riga, Latvia, 15 November 1974
Nationality: Latvian
Languages: English (fluently)
German (fluently)
Latvian (fluently)
Russian (native language)

EDUCATION

Jan 2001 – Dec 2003 **Doctor of Natural Science (Dr. Rer. Nat.)**
Department of Physics, University of Osnabrueck, **Germany**

Sep 1991 – Jun 1998 **Master of Science and Bachelor of Science**
Department of Physics, Riga Aviation University, **Latvia**

HONORS

2005 European Social Fund, University of Latvia, **Stipend**

2006 Alexander von Humboldt Foundation, **Stipend**

SCIENTIFIC CAREER

Aug 2006 – Jan 2008 **Alexander von Humboldt Fellow**
Research center Juelih (IEF-3, fuel cells), Juelich, and University of Duisburg-Essen (department of Theoretical Chemistry), Essen, **Germany**

Nov 2005 – May 2006 **Visiting Scholar**
Jan 2005 – May 2005 Department of Physics and Astronomy, Northwestern University, Evanston, **USA**

Since Feb 2004 **Postdoctoral Fellow**
University of Latvia, Institute of Solid State Physics, Riga, **Latvia**

Feb 2001 – Jan 2004 **Research Fellow**
Department of Physics, University of Osnabrueck, **Germany**

CURRENT RESEARCH INTERESTS

- First-principles simulations of processes occurring at perovskite surfaces.
- Atomistic modeling of inorganic nanotubes.
- Applicability of theoretical modeling in materials science.