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Denis Gryaznov, Dr. rer. nat.

Education

- Oct 2002 – Sep 2006* **Universität Stuttgart**
Dr. rer. nat.(PhD) in Materials Research
Stuttgart, Germany
- Sep 1999 – Jun 2001* **Transport and Telecommunication Institute**
Master, Computer Modeling of Semiconductor Technologies
Riga, Latvia
- Sep 1995 – Jun 1999* **Riga Aviation University**
Bachelor, Semiconductor Technologies
Riga, Latvia

Research Experience

- Oct 2009 – Dec 2013* **PostDoc Position**
Max Planck Institute for Solid State Research, Department of Physical
Chemistry of Solids (prof. J. Maier)
Stuttgart, Germany
- Oct 2006 – Sep 2009* **PostDoc Position**
EC Institute for Transuranium Elements, Materials Research
Karlsruhe, Germany
- Jan 2004 – present*
Latvijas Universitāte, Senior Scientist, Theoretical Department,
Institute of Solid State Physics, Riga, Latvia
- Aug 2002 – Sep 2006* **PhD Student**
Max Planck Institute for Solid State Research, Department of Physical
Chemistry of Solids (prof. J. Maier)
- Sep 1998 – Apr 2002* **Research Assistant**

Baltic Scientific Instruments,
Riga, Latvia

Skills & Activities

Skills Electronic Structure, Density Functional Theory, First-principles Calculations, Ab Initio Calculations, Quantum Chemistry, DFT Calculations, Ab Initio Methods, Ab Initio, VASP, Diffusion, Materials Chemistry, Cheminformatics and Computational Chemistry, Theoretical Chemistry, Computational Chemistry, Crystal, Phase Transitions, GaAs, Computational Materials Science, Quantum Mechanics, Molecular Dynamics, Physical Chemistry, Molecular Dynamics Simulation, Molecular Structure, Molecular Modeling, Material Modeling, Molecular Simulation, Computational Nanotechnology, Chemical Physics, Conceptual Density Functional Theory, Chemical Bonding, ADF, Normal mode analysis, Solid State Physics, Materials Science, Condensed Matter Physics, Atoms, Hydrogen Bonding

Languages English, German, Latvian, Russian