

CURRICULUM VITAE

Andrey Shkabko

born on 12.07.1980 in the USSR (Russian citizen)



02/2010 - Postdoctoral Fellow at Swiss Federal Laboratories of Materials Science and Technology (EMPA)

RESEARCH EXPERIENCE:

02/2010- Researcher, Laboratory for Solid State Chemistry and Catalysis, EMPA
02/2006 – 02/2010 PhD student, Laboratory for Solid State Chemistry and Catalysis, EMPA
09/2004 – 09/2005 Postgraduate Researcher, DMSE KTH
09/2002 – 07/2004 Research assistant, SDB “Solto”, member of NPO Astrophysics, Moscow
09/2001 – 09/2002 Research Assistant, NTO “IRE-Polus”, member of The Institute of Radioengineering and Electronics of Russian Academy of Science, Fryazino

EDUCATIONAL BACKGROUND:

02/2006 – 02/2010 PhD in physics, University of Bern (summa cum laude)
08/2005 – 10/2005 Project work, Department of Inorganic, Physical and Structural Chemistry, Stockholm University
09/2004 – 12/2005 Diploma work, Department of Materials Science and Engineering, Royal Institute of Technology (DMSE KTH), Stockholm
09/2002 – 09/2004 Master of Science in Applied Physics and Mathematics, Department of Physical and Quantum Electronics, Moscow Institute of Physics and Technology (MIPT) (GPA:4.5, max 5)
09/1998 – 07/2002 Bachelor of Science in Applied Physics and Mathematics, Moscow Institute of Physics and Technology, Department of Physical and Quantum Electronics

INVITED TALKS :

Al/SrTiO_{3-x}N_y/Al memristors, International Symposium on Integrated Ferroelectrics (Functionalities), Puerto Rico, US 2010

Authored and co-authored 16 papers in academic journals and conference proceedings

AWARDS:

02/2010 PhD thesis (summa cum laude), University of Bern

- 11/2002 Best presentation on XLV MIPT Conference, New Quadrupole Electrooptic Depolarizer (with one LiNbO₃ crystal)
- 03/1997 Second place on Republican Physics Olympiad, Dagestan, Russia