

Dr. Oleg V. Petrov's Curriculum Vitae

Born: 26 April 1970, in Tatarstan, Russia

Education details:

- 1995 - 1999 Postgraduate study at Department of Physics, Kazan State Technological Univ. (KSTU)
Supervisor Prof. E.S. Nefed'ev
Ph.D. in Chemistry (February 24, 1999)

Magnetic resonance studies of structure, dynamics and curing kinetic of Thiokol and thiopolyether based polymer composites (methods used: ^1H NMR, EPR and ESEEM).
Ph.D. thesis title: "Curing of oligothiols in the presence of solids" (printed in Russian).
- 1989 - 1994 Master study at Division of Radiospectroscopy and Quantum Electronics, Kazan State Univ. (KSU), Russia

Courses taken (selected): thermodynamics, electrodynamics, quantum mechanics, radiospectroscopy (EPR and NMR), principles of lasers. Master thesis title: "Heat pulses propagation in indium antimonide" (in Russian).
- 1985 - 1989 Technical School of Radio Communication, Kazan, Russia

Employment details:

- 2012 - 2015 Postdoctoral Fellow, *Institut für Festkörperphysik, Technische Universität Darmstadt (TUD)*
- 2007 - 2011 Postdoctoral Fellow, MRI Centre, University of New Brunswick (UNB), Canada
- 2005 - 2007 Researcher, Industrial NMR Centre, Royal Institute of Technology (KTH), Stockholm
- 2003 - 2005 Postdoctoral Fellow, Division of Physical Chemistry, KTH
- 1999 - 2003 Senior Instructor, Department of Physics, KSTU
- 1995 - 1999 Instructor, Department of Physics, KSTU
- 1994 - 1995 Researcher, Department of Physics, KSTU

Teaching experience:

- 2012 - 2015 *Physikalisches Praktikum für Fortgeschrittene, TUD*
- 1994 - 2003 *Physikalisches Praktikum für bachelors and KSTU entrants, KSTU*

Personal Grants:

- 2003 Postdoctoral fellowship from the Carl Trygger Foundation, Sweden
- 2001 Scholarship from the Swedish Institute, for visiting Arrhenius Lab at Stockholm Univ.