

Curriculum Vitae

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CURRENT POSITION: group-leader, Leibniz-Institute for Solid State and Materials Research
(IFW Dresden, Germany)

PERSONAL:

Date of birth: April 7, 1978, Moscow, USSR

Citizenship: Russian Federation

Marital status: married, one son

EDUCATION:

1999–2003, Ph.D. in Physical Chemistry, (Moscow State University), thesis title:
"Vibrational spectra and molecular structure of the derivatives of C₆₀ and C₇₀ fullerenes".

1994–1999, M.Sc. in Chemistry (Moscow State University), diploma with excellence;

POSITIONS:

- 2010–present: leader of the group "Electronic structure of molecular materials" (IFW Dresden, Germany)
- 2008–2010: Humboldt Fellow, Leibniz-Institute for Solid State and Materials Research (IFW Dresden, Germany);
- 2006–2008: senior researcher, Department of Chemistry, Moscow State University;
- 2003–2005: junior researcher, Department of Chemistry, Moscow State University;
- April–May 2007, visiting scientist, Department of Chemistry, Colorado State University;
- June–July 2004, May–June 2005, November 2005, June–July 2006, July–August 2007: visiting scientist, Leibniz-Institute for Solid State and Materials Research (IFW Dresden, Germany)
- November–December 2002, October–December 2003: visiting research scholar, Department of Chemistry, Rice University (Houston, USA).
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HONORS and AWARDS:

- Alexander von Humboldt Fellowship (2008)
- Moscow State University award for the works on "Molecular and electronic structure and vibrational spectra of fullerene derivatives" (2006);
- Academia Europaea Prize for Young Russian Scientists (2005);
- IACT (International Association of Chemical Thermodynamics) Doctorate Award for Excellence in Thermodynamics (2005);
- Moscow State University Scholarship for young scientists (2004, 2007);
- International Soros Science Education Program (ISSEP) Scholarship for graduate students (2000, 2001, 2002);
- Russian President's scholarship for outstanding graduate students (2001);
- ISSEP Scholarship for undergraduate students (1996, 1997, 1998, 1999).

TEACHING EXPERIENCE:

Undergraduate classes in General Physical Chemistry; supervised undergraduate students in independent research projects in Physical, Analytical and Inorganic Chemistry, supervised M.S. projects in Physical Chemistry.

RESEARCH INTERESTS and EXPERIENCE:

Infrared, Raman, ESR and UV/VIS spectroscopy; quantum-chemical modeling of large scale systems; vibrational spectra and molecular structures of the fullerenes; endohedral fullerenes; electrochemistry, spectroelectrochemistry; Knudsen-cell mass-spectrometry.

OTHER KINDS OF PROFESSIONAL ACTIVITY:

- Reviewer for *Angew. Chem. Int. Ed.*, *J. Am. Chem. Soc.*, *ACS Nano*, *Chem. Eur. J.*, *Inorg. Chem.*, *J. Phys. Chem.*, *ChemPhysChem*, *Int. J. Quant. Chem.*, *Eur. J. Inorg. Chem.*, *J. Org. Chem.*, *J. Mol. Struct. (THEOCHEM)*, *Physica B*, *Spectros. Lett.*, *Chem. Phys. Lett*, *Spectrochimica Acta*, etc.
- External examiner at Ph. D. viva in Tyndal National Institute, University College Cork, Ireland.