

CURRICULUM VITAE

Personal Details:

Name: Leonid Rusevich
Date of Birth: 23 May 1964
Place of Birth: Riga
Address office: Institute of Solid State Physics, University of Latvia,
8 Kengaraga Str., Riga, LV-1063, Latvia
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Education:

1971–1981 Riga secondary school.
1981–1986 Latvian State University (Riga), faculty of Physics and
Mathematics (specialized in theoretical physics), with
honours.
1999 Ph.D. “Dynamical diffraction of neutrons, X-ray and
Mössbauer radiation in the deformed and acoustically
excited single crystals”, Riga, University of Latvia
(adviser Prof., Dr.habil.phys. E.Iolin).

Professional Experience:

09.2017 to date Researcher of the “Laboratory of kinetics in
self-organizing systems”, Institute of Solid State Physics
(ISSP), University of Latvia (UL), Riga, Latvia.
02.2016–08.2017 Visiting scientist, Institute of Solid State Physics,
University of Latvia, Riga, Latvia.
01.1995–08.2017 Researcher of the laboratory “Application of the nuclear
methods for the condensed matter investigation”, Institute
of Physical Energetics of the Latvian Academy of
Sciences (LAS).
09.2011–12.2011 Visiting scientist, Institut Laue-Langevin (ILL), Grenoble,
France.
2007–2011 The member of academic council of Institute of Physical
Energetics.
01.1994–12.1994 Junior Researcher, Institute of Physical Energetics LAS.
05.1991–12.1993 Junior Researcher of the laboratory “Application of the
nuclear methods for the condensed matter investigation”,
Institute of Physics LAS.
08.1986–04.1991 Engineer, Institute of Physics LAS.

Author of 92 scientific publications (including abstracts of reports on conferences).

Scientific Interests:

Main scientific activity was connected with dynamical diffraction of neutrons, X-ray and Mössbauer radiation in perfect and deformed (including excited by ultrasound) single crystals and application of these methods for the measurements of small stress

in single crystals (nondestructive control of crystals).

Since 2010 — collaboration with Dr. J.Pieper (Technical University, Berlin, Germany and University of Tartu, Estonia) in field of biophysics (using of neutron scattering in photosynthesis research).

Since 2016 — work at ISSP UL in field of quantum chemistry — performing of first-principles (*ab initio*) computations of perovskite solid solutions (ERA-NET HarvEnPiez project — Prof., Dr.hab. E.Kotomin).

Languages:

Russian (native)

Ukrainian (fluently)

English

Latvian

German (beginning).

Computer Skills:

DOS, Linux, Windows, LAN, Internet. Programming languages: Fortran, Pascal; a little — Java, Delphi. Bases of Web-design.

Experience of work with computer: using CRYSTAL program for quantum-chemical *ab initio* simulations, performing of the numerical calculations (*Fortran*), analysis of the experimental data (*Fortran, Pascal, DAVE*), MS Office, Origin, Mathcad, work in DOS, Linux, Windows 3.1/95/98/NT/XP/7/8/10.

Interests:

Tourism, travels.