

Yuri M. GALPERIN*

Address: Department of Physics, University of Oslo, P. O. Box 1048 Blindern, 0316 Oslo, Norway

Phone: Direct: +47 22 85 64 95, Fax: +47 22 85 64 22, Cell.: +47 90 51 72 38

E-mail : iouri.galperine@fys.uio.no

URL: <http://folk.uio.no/yurig/>



Education : 1958-1962 – Technical College for Physics & Mechanics, St. Petersburg (former Leningrad), student; 1962-1968 – Leningrad State University, student; 1968 – Diploma degree in theoretical physics, topic: "Quantum oscillations of transport coefficients in a quantizing magnetic field" (in Russian), Leningrad State University, St. Petersburg, Russia; 1970 – Ph.D. in Condensed Matter Theory, topic: "On the theory of acoustic properties of conductors in a quantizing magnetic field", Institute for semiconductors, Academy of Sciences of the USSR, St. Petersburg, Russia; 1980 – Doctor of Sci. Degree in Physics & Mathematics (habilitation), topic: "The theory of acoustic properties of normal conductors and superconductors" (in Russian), A.F. Ioffe Physico-Technical Institute, Russian Academy of Sciences, St. Petersburg, Russia.

SUMMARY OF RESEARCH AND TEACHING EXPERIENCES

Research activity: 1968-1972 – Institute for semiconductors, Russian Academy of Sciences, St. Petersburg, Russia, Junior Research Scientist; since 1972 – A.F. Ioffe Physico-Technical Institute, Russian Academy of Sciences, St. Petersburg, Russia; 1972-1984 – Scientist, 1984-1987 – Senior Scientist, 1987-1991 – Leading Scientist, since 1992 – Principal Scientist. since 1993 – Professor at the University of Oslo.

Visiting Scientist: Kernforschungszentrum, Jülich, Germany; Institut für Theorie des Kondensierten Materie, University of Karlsruhe, Karlsruhe, Germany; Weizmann Institute of Sciences, Tel Aviv University and Ben Gurion University, Israel; University of Trondheim, Norway; Chalmers University of Technology, Sweden; Nordic visiting professor at Lund University, Sweden; University of Minnesota; Princeton University; NEC Research America; Argonne National Laboratory, USA; University of Lancaster, UK

Teaching Experience: since 1972 – Supervising Graduate and Postgraduate Research. 7 PhD theses under full and 5 under partial supervision were defended; since 1972 – Lectures at several schools in physics in former Soviet Union; Lectures at International Schools in Trondheim (Norway), Brasilia (Brazil), Trieste and Erice (Italy); St. Petersburg (Russia); 1989-1993 – Professor of Physics, St. Petersburg Institute for Electrical Engineering (half time); since 1993 – Professor of Theoretical Solid State Physics, University of Oslo, Norway.

Professional societies and related activity: 1989-1994 – Co-editor of the journal "Soviet Physics – Semiconductors"; 1985-1994 – Member of USSR Board on Ultrasonics, Division of Physical Acoustics; 1989-1994 – Member of the Special Scientific Board for Solid State Physics, A.F. Ioffe Physico-Technical Institute, St. Petersburg; 1996-2002 – Member of NORDITA Condensed Matter Committee; since 1996 – Member of Royal Norwegian Academy of Sciences and Humanities; 2000-2004 – Member (later Chairman) of the NATO Physical and Engineering Science and Technology Panel; 2001-2006 – member of the Steering Committee for the Program on Fundamental Materials at Oslo University (FUNMAT@UiO); since 2008 – Member of Royal Norwegian Society of Sciences and Humanities;

Referee : Physical Review Letters, Physical Review B, Applied Physics Letters, Europhysics Letters, Journal of Experimental and Theoretical Physics, and Physica Scripta; USA National Science Foundation, USA-Israel Binational Science foundation, USA Department of Energy, German-Israeli Foundation; Ministry of Education and Science of Russian Federation; served as a referee for the Nobel Committee.

Organizing and advisory boards : Co-organizer of annual conferences on Superconductivity and Magnetism at Nanoscale (Argonne National Laboratory, USA), several other international conferences. Editorial boards of the Journal of Theoretical and Computational Nanoscience and Advances in Condensed matter Physics.

Awards : 1990 and 1992 – Awards of the A.F. Ioffe Physico-Technical Institute, Russian Academy of Sciences; Elected as a Head of the group on Mesoscopic Physics at the Centre for Advanced Studies, Oslo, for 1999/2000 academic year.

Professional interests: Theoretical nanoscience with an emphasis on mesoscopic physics; physics of disordered media, kinetics in dielectrics, semiconductors, normal metals and superconductors (including high- T_c materials).

Publications : More than 350 publications cited in more than 2800 papers. More detailed information on the research profile and publication list can be found at the web site <http://folk.uio.no/yurig/>.

*Updated March 22, 2011