

CURRICULUM VITAE

NAME: GRIKUROV (Valery Edwardovich)

BIRTH: 1950, 25 November, Leningrad (St.Petersburg)

UNIVERSITY EDUCATION: 1968-74 Leningrad State University,
Division of Physics,
Master Degree in Mathematical Physics

POSTGRADUATE DEGREE: Ph.D. in Theoretical & Mathematical Physics, 1980,
Leningrad University

*Thesis title: "Interference Effects Arising under Multi-Ray Propagation in Inhomogeneous Media".
To contact the Scientific supervisor: [Prof. V.S.Buldyrev](#)*

PERMANENT AFFILIATION: Associate Professor, Dept. of Math. &
Math. Phys., School of Physics, St.Petersburg University

OCCUPATION: Teaching in mathematics and mathematical
physics on freshmen, graduate and post-graduate levels.
To contact the Department Chief: [Prof. V.S.Buslaev](#)

Courses supported: linear algebra, calculus and analysis, differential
equations, calculus of variations, complex analysis, distribution theory,
partial differential equations, asymptotic technique, theory of diffraction.

RESEARCH INTERESTS:

Asymptotic theory of wave propagation and diffraction (with application to
elastic waves, underwater sound, electromagnetic scattering);
scientific computing and modeling of nonlinear wave phenomena;
bound states and scattering in quantum waveguides;
guided waves and scattering in diffraction gratings

ADDITIONAL EXPERIENCE: skill in FORTRAN, MATLAB and MAPLE.

POSITIONS HOLD:

1983 - 91 High Military School, Leningrad (Pushkin),
Associated Professor in Mathematics.

Duties: teaching in mathematics on freshmen level;

1974 - 83 North-West Polytechnic Institute, Leningrad
Senior Research Associate

Occupation: studies in asymptotic theory of wave
propagation and diffraction.

1974 - 79 (in plurality) Postgraduate studies in mathematical physics

1978 - 81 (in plurality) Instructor in mathematics, School of Physics,
St.Petersburg University

VISITING POSITIONS:

Sept., 1994 - March, 1995

Scholarship supported by Swedish Institute, Dept. of Math., University of Lund, Sweden

To contact the Host Scientist: [Prof. Anders Melin](#)

April - June, 1995 Inst. of Math. & Appl., Univ. of Minnesota, U.S.A.
Participation in the "Waves and Scattering" Program

Sept., 1999 - January, 2000 Dept. of Math., Bogazici Univ., Istanbul, Turkey.

Teaching of two courses in mathematics on undergraduate and graduate levels

To contact the Host Scientist: [Prof. Dr. Alp Eden](#)

PUBLICATIONS: Journal articles: 32
Preprints: 3
Conference publications: 21

GRANTS PARTICIPATION:

1993 - 2004 Russian Foundation for Basic Researches;
Long-term research grants (investigator)

1994 International Science Foundation;
Long-term research grant program in the fundamental science
(investigator)

1994 - 1995, 1999 - 2000 INTAS Program in Fundamental Science
(investigator)