

Curriculum Vitae  
**Alexander K. MOTOVILOV**

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**ACADEMIC DEGREES**

2006 D. Sc., [Joint Institute for Nuclear Research](#), Dubna, Russia  
Title: “Theory of resonances in multichannel systems”

1984 C. Sc. (Ph. D.), [Leningrad State University](#), Leningrad (now St. Petersburg), USSR  
Title: “Three-body quantum problem in the boundary-condition model”

**FIELDS OF SPECIALIZATION**

Spectral Theory, Operator Theory, Mathematical Physics, Scattering Theory (including applications to Nuclear and Molecular Physics), Numerical Methods

**EDUCATION**

1980–1983: C.Sc. (Ph.D.) studies at the Department of Higher Mathematics and Mathematical Physics, Faculty of Physics, [Leningrad State University](#)

1974–1980: Studies at the Department of Higher Mathematics and Mathematical Physics, Faculty of Physics, [Leningrad State University](#)

1972–1974: Studies at the Physics and Mathematics High School (“45-i internat”, now [Academic Gymnasium](#)) attached to [Leningrad State University](#)

1964–1972: Studies at “Rostovskaya vos'miletnyaya shkola” in my homeland in Ustyansky District, Arkhanglesk Region

**POSITIONS HELD**

- Head of [Sector at the Bogoliubov Laboratory of Theoretical Physics](#), [Joint Institute for Nuclear Research](#), Dubna, Moscow region, Russia, since 2001
- Senior Researcher at the [Bogoliubov Laboratory of Theoretical Physics](#), [Joint Institute for Nuclear Research](#), Dubna, Moscow region, Russia, 1993–2001
- Associate Professor at the Department of Mathematical and Computational Physics, [St. Petersburg State University](#), St. Petersburg, Russia, 1991–1993

- Associate Professor at the Department of Higher Mathematics, Arkhangelsk Forestry Engineering Institute (now [Nothorn \(Arctic\) Federal University](#)), Arkhangelsk, USSR, 1986–1990
- Assistant Professor at the Department of Higher Mathematics, Arkhangelsk Forestry Engineering Institute (now [Nothorn \(Arctic\) Federal University](#)), Arkhangelsk, USSR, 1980 and 1984–1986

## LONG-TERM VISITING POSITIONS

- Visiting Professor at the [Mathematics Department, University of Missouri–Columbia](#), USA, Fall Semester 2001, Winter and Fall Semesters 2002
- Research Associate at the [Institute for Physics, University of Bonn](#), Germany, June–November 1998 and February–August 1999
- Research Fellow at the [Institute of Theoretical Physics, University of Warsaw](#), Poland, January–November 1990

## TEACHING

### [Dubna State University](#)

Undergraduate courses and practical seminars (tutorials)

- Calculus (Fall Semester of 2009 and Winter Semester of 2010)
- Equations of Mathematical Physics (Fall Semesters of 2021–2024)

Graduate courses

- Scattering Theory for Few-Body Systems (Fall Semesters of 2010–2020)

### [University of Missouri – Columbia](#)

Undergraduate courses

- Calculus for Social and Natural Sciences (Fall Semester of 2001)
- Matrix Theory (Winter and Fall Semesters of 2002)

### [St. Petersburg State University](#)

- Numerical Methods (master level), 1991–1993
- Computational Methods of Linear Algebra (master level), 1992–1993
- Padé-Approximations (master level), 1993

### [Arkhangelsk Forestry Engineering Institute](#)

Undergraduate courses and practical seminars (tutorials), 1984–1990

- Calculus
- Linear Algebra
- Complex Analysis
- Ordinary Differential Equations
- Methods of Mathematical Physics
- Numerical Methods and Computing
- Probability Theory and Mathematical Statistics

**LIST OF PUBLICATIONS** is available at <http://theor.jinr.ru/~motovilv/list-time.pdf>.