

# CURRICULUM VITAE

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## **Education:**

**1971-1972** Omsk Polytechnic University, Technological Faculty.

**1972-1976** Novosibirsk State University, Theoretical Physics and Applied Mathematics.

## **Degrees:**

**1976** MSc in Theoretical Physics and Applied Mathematics from the Novosibirsk State University. The Thesis has been awarded the Gold Medal of the USSR Academy of Sciences, and the Gold Medal of the Ministry of Higher Education for the Best Master Thesis in 1976.

**1978** PhD in Theoretical and Mathematical Physics (Candidate of Sciences) from the L.D.Landau Institute for Theoretical Physics.

**1987** DSc in Theoretical and Mathematical Physics (Doctor of Sciences). The thesis has been defended in the L.D.Landau Institute for Theoretical Physics and the degree has been approved by the State Highest Attestation Committee on April 1988.

## **Academic Positions:**

**1976-1978** Junior Researcher at the Institute of Automation and Electrometry, Novosibirsk, Siberian Branch of Academy of Sciences of USSR

**1978-1987** Junior Scientific Researcher at the L.D.Landau Institute for Theoretical Physics, Academy of Sciences of USSR

**1987-1989** Scientific Researcher at the L.D.Landau Institute for Theoretical Physics, Russian Academy of Sciences

**1989-1994** Senior Scientific Researcher at the L.D.Landau Institute for Theoretical Physics, Russian Academy of Sciences

**1994-1995** Head Scientists at the L.D.Landau Institute for Theoretical Physics, Russian Academy of Sciences

**1995-1998** University Research Fellow, Applied Mathematical Department, University of Leeds.

**1998-2000** Professorial Research Fellow, Applied Mathematical Department, University of Leeds.

**2000-on** Professor of Mathematical Physics, Applied Mathematical Department, University of Leeds.

### **Lecturing:**

**1990-1995** Moscow Institute of Physics and Technology. Graduate lecture courses on Modern Mathematical Physics (Inverse Transform Method, Symmetry approach, Multiscaling expansions, Nonlinear Waves).

**1997** International Landau Summer University "Integrability and the Inverse Scattering Transform", (40 hours), Chernogolovka, Russia.

**1998** Univ. of Leeds, post-grad. course "Integrable Equations and solitons" (20 hours).

**1999-on** Regular undergraduate courses (School of Math, Univ. of Leeds): Modelling and Investigation, Differential Equations, Oscillations and Waves, Linear and Nonlinear Waves, Nonlinear Differential Equations, Perturbation Methods, Projects in Applied Mathematics.

**External Examiner: 2001-2003** External examiner for MSc at the University of Warwick.

### **Editorial:**

**1994-1995** Guest Editor, *Physica D*.

**1996-2003** Editorial Board of *Inverse Problems*.

**1998-1999** Guest Editor, *Journal of Theoretical and Mathematical Physics*.

**2001-2002** Guest Editor, *Journal of Theoretical and Mathematical Physics*.

**2003-on** International Advisory Board, *Inverse Problems*.

**2005-on** The LMS Editor for book reviews.

**2005-on** Editorial Board of International on-line Journal "Symmetry, Integrability and Geometry: Methods and Applications".

### **Fellowships and Memberships:**

Member of the Moscow Mathematical Society.

Member of the London Mathematical Society (since 1996).

Fellow of the Institute of Physics (since 2004).

Member of the National Conference of University Professors (since 2005).

Member of the EPSRC Mathematics Prioritisation Panel (since 2005).

Member of the Chair Promotional Committee, University of Leeds (since 2001).

#### Organisation of National and International Meetings

Co-organiser of Conferences “Theory of Functions and Differential Equation”, Chernogolovka in 1985, 1987, 1989, 1991.

Member of International Program Committee of the III Potsdam – V Kiev International Workshop on Nonlinear Processes in Physics, Potsdam, NY USA 1991.

Chairman of the Organising Committee of the International Workshop “Nonlinear Schrödinger Equation: Achievements, Developments, Perspectives”, Chernogolovka, Russia, 1994.

Co-organiser of CNLS Workshops “Integrable Systems”, Leeds, 1997.

Member of the Organising Committee of Summer International School “Optical Solitons: Theoretical Challenges and Industrial Perspectives”, Les-Houches, France, 1998;

Co-organiser of International Workshop “Nonlinear Evolutionary Equations and Dynamical Systems”, Leeds, UK, 1998.

Member of the Organising Committee of the International Workshop “Solitons, Collapses and Turbulence”, Chernogolovka, Russia, 1999.

Principal Organiser of six-month Programme at the Isaac Newton Institute (Cambridge) “Integrable Systems” 2001, 23 July-20 December.

Principal Organiser of a mini-programme (a Summer School and ICMS Workshop “Algebraic Theory of Differential Equations”) at ICMS, Edinburgh, 2006.

#### Supervision of Research Students

Under my supervision, the following research students were awarded PhD (Candidate of Sciences) from L.D.Landau Institute for Theoretical Physics:

- A.I. Yaremchuk (1985),
- I.A. Shimokhin (1993),
- V.S. Novikov (2003)

PhD from the University of Leeds

- S. Lombardo (2004).

Examiner for PhD and DSc:

1. A. Shubin (Ph.D.), St. Peterburg Dept. of Steklov Institute of Mathematics, 1983
2. S.I. Svinolupov (Ph.D), Kharkov University, Ukraine, 1985
3. S.K. Turitsyn (Ph.D), Novosibirsk, 1986
4. A.V. Zhiber (D.Sc.), Ural Institute of Mathematics, Ekaterinburg, 1993
5. B.A. Magadeev (Ph.D.), Bashkir Institute of Mathematics, Ufa, 1990
6. V.G. Bakurov (Ph.D.), Landau Institute for Theoretical Physics, Chernogolovka, 1990
7. I.Y. Cherdantsev (Ph.D.), Bashkir Institute of Mathematics, Ufa, 1990
8. M.A. Sall' (D.Sc.), St. Peterburg University, 1993
9. A.Y. Orlov (Ph.D.), Landau Institute for Theoretical Physics, Chernogolovka, 1994
10. T.I. Garagash (Ph.D.), Steklov Institute of Mathematics, Moscow, 1995
11. P. van der Kamp (PhD), Vrije Universiteit, Amsterdam, The Netherlands, 2003.