



Victor V. Kozlov

Abbreviated Curriculum Vitae

Personal Data

Date of birth	April 24, 1945
Citizenship	Russian
Business Address	Institute of Theoretical and Applied Mechanics (ITAM), Russian Academy of Sciences, Siberian Branch, 630090 Novosibirsk, RUSSIA
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Institution homepage	http://www.itam.nsc.ru/eng/labs/lab8_eng.html

Education and academic degrees

Full Professor (Novosibirsk State University)	1992
Academic Professor's Thesis	1987
Candidate's Degree (Ph.D.) in Physics-Mathematics	1976
Masters degree, Novosibirsk State University, Russia	1964-69
Secondary School, Prokopjevsk, Russia	1962

Work history

Professor at Novosibirsk State University	1990-Present
Group leader of Aero-Physical Studies of Subsonic Flows, ITAM	1979-Present
Scientific Research fellow at ITAM, Novosibirsk	1969-1979

Teaching experience

Undergraduate courses in Fluid Dynamics and experimental methods in fluid mechanics at Novosibirsk State University, Russia.

Graduate course "Origin of Turbulence in Near-Wall Flows" at Novosibirsk State University, Russia.

Extended research visits

Chalmers, Göteborg, Sweden (Every January-February)	2001-2005
Pusan State University, Pusan, Korea	Nov 2003 - Dec 2004
KTH, Stockholm, Sweden (Every January-February)	1992-2000
DLR, Göttingen, Germany (Professorship sabbatical)	Sep. 1992 - March 1993
Virginia Polytechnic Institute and State University, Blacksburg, USA (as Research Associate)	Oct-Nov 1983
Stuttgart Universität, Institut für Thermodynamik der Luft - und Raumfahrt, Stuttgart, Federal Republic of Germany, Oct. 1975 - July 1976	

International committee membership and assignments

Member of International Steering Committee of the 8th Asian Symposium on Visualization, 2007, Gong-Kong; 2005, Chiangmai, Thailand; 2003, Singapore, 2001, Pusan, Korea, 1998, Serpong, Indonesia, Beijing, China, 1996, Chiba, Japan, 1994.

Chairman and Organizer of the International workshop on the stability of homogeneous and heterogeneous fluids flows, Novosibirsk, 1995, 1997, 1999, 2001, 2002, 2004, 2005, 2008.

Member of Scientific Committee of International Conference On Methods Of Aerophysical Research (ICMAR), Novosibirsk, Russia, 1998, 2000, 2002, 2004, 2007, 2008.

Member of Scientific Committee of International Scientific Conference “Fundamental Problems of High-Speed Flows”, 2004, Zhukovsky, Russia.

Member of Scientific Committee of the 5th IUTAM Symposium on Laminar-Turbulent Transition, 1999, Sedona Arizona, Toulouse, France, 1989.

Member of Scientific Committee of the IUTAM Symposium on Mechanics of Passive and Flow Control, 1998, Göttingen, Germany.

Member of Scientific Committee of the 3rd International Conference on Experimental Fluid Mechanics, 1997, Moscow, Russia.

Member of Scientific Committee of the International Conference on Experimental Fluid Mechanics, 1994, Torino, Italy, 1991, Chengdu, China.

Chairman and Organizer of the IUTAM Symposium on Separating Flow and Jets, Novosibirsk, 1990.

Chairman and Organizer of the 2nd IUTAM Symposium on Laminar-Turbulent Transition, Novosibirsk, 1984.

Patents

1. Boiko, A.V., Grek, G.R., Kozlov, V.V., Syzrantsev, V.V., Titarenko, S.V., Scherbakov, V.A. 1996 “A method of a wing boundary layer laminarization and variants of its realization”. Russian patent No 2086473.

2. Zanin, B.Yu. and Kozlov, V.V. 1999 “Method of control by flow separation”. Russian patent No 2128601.

Awards

1. The Silver Zsukovskij Medal for great contribution to the Aviation Theory from Russian Academy of Sciences, 1993.

2. Soros Professor award, 1994.

3. The Petrob Medal for great contribution to the Hydrodynamic Instability, 2008.

Published Books

1. Kachanov, Y.S., Kozlov, V.V. and Levchenko, V.Y. 1982 Origin of Turbulence in Boundary Layer. Nauka, Siberian Division of Russian Academy of Sciences, Novosibirsk, 151 pages (in Russian).

2. Ed. Kozlov V.V. 1985 Laminar-Turbulent Transition. Springer-Verlag, Berlin, 760 pages.

3. Eds. Kozlov V.V. and Dovgal, A.V. 1991 Separated Flow and Jets. Springer-Verlag, Berlin, 898 pages.
4. Boiko, A.V., Grek, G.R., Dovgal, A.V. and Kozlov, V.V. 1999 Origin of Turbulence in Near-Wall Flows. Nauka, Siberian Division of Russian Academy of Sciences, Novosibirsk, 327 pages (in Russian).
5. Boiko, A.V., Grek, G.R., Dovgal, A.V. and Kozlov, V.V. 2002 Origin of Turbulence in Near-Wall Flows. Springer-Verlag, Berlin, 267 pages.
6. Boiko, A.V., Grek, G.R., Dovgal, A.V. and Kozlov, V.V. 2007 Physical mechanisms of Transition to Turbulence in Near-Wall Flows. RChD, Izhevsk-Moscow, 267 pages (in Russian).

Other publications

More than 200 publications in international archival journals and conference proceedings, see <http://www.itam.nsc.ru/users/kozlov/results.html> for publications until year 2000.

Research Grants Received

1996-2009 Grant for Scientific Schools of Russia "Stability and Turbulence of Homogeneous and Heterogeneous Flows"

1993-2010 Annual grants from the Russian Foundation for Basic Research ("Origin of Turbulence in Near-Wall Flows").

1996-1998 Collaborative Research Grant INTAS 96-2225 "Studies of hydrodynamic instability and transition to turbulence in boundary layers with laminar separation".

1993-1995 NATO Collaborative Research Grant CRG 920533.

1990 Grant from the IUTAM Bureau and the Mechanical Engineering Research Centre for the organization of Conference on Separating Flows and Jets (see assignments).

1979-2010 Annual grants from the Russian Academy of Sciences for Basic Research Activities ("Origin of Turbulence in Boundary Layers").

1984 Grant from the IUTAM Bureau for the organization of the Symposium on Laminar-Turbulent Transition (see assignments).

Doctoral Dissertations Supervised

Totally 17 persons were supervised at preparation of their Ph.D. thesis during 1984 to 2007.