



Professor Valery V. Vasiliev

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Personal: Born on June 14, 1938.

Education:

- Moscow Aviation Institute, Aerospace College, 1962.
- Moscow State University, College of Mechanics and Mathematics, 1966.
- Candidate of Sciences (Ph.D.) in Structural Mechanics, Moscow Aviation Institute, 1964.
- Doctor of Sciences in Design of Composite Structures, Moscow Aviation Institute, 1969.
- Professor of Structural Mechanics, 1973.
- Corresponding Member of the USSR (Russian) Academy of Sciences, 1984.

Academic Experience:

- 1965-1971, Associate Professor, Department of Structural Mechanics, Moscow Aviation Institute.
- 1972-1974, Professor, Department of Aircraft Structures, Moscow Institute of Civil Aviation Engineers.
- 1974-1998, Head of Aerospace Composite Structures Department, Moscow State University of Aviation Technology.
- 1998-2000, Director of School of Mechanics and Design of Russian State University of Technology
- 2000-2010, University Distinguished Professor, Russian State University of Technology.
- 1991, 1994, 1997, Visiting Professor, Virginia Polytechnic Institute and State University, USA
- 1993, Visiting Professor, Purdue University, Indiana, USA ,
- 2001, Visiting Professor, Universite P. et M. Curier, Paris, France.

Industrial Experience:

- 1961-1962, Central Institute of Aero-Hydrodynamics, Researcher.
- 1971-present, Central Research Institute of Special Machinery, Vice President of the Center of Advanced Technology and Deputy General Designer.
- 2003-2007, Moscow Boeing Design Center, Chief Science Consultant.
- 2008-present, PROGRESSTECH, LTD, Science Consultant.

Honors and Awards:

- USSR State Prize, 1984.
- Certificate of Excellence in Education, Virginia Polytechnic Institute and State University, 1991.
- Russian State Order – Star of Friendship Between the Nations, 1994,
- Russian Federation Government Prize, 2003.

Membership on Editorial Boards and Committees:

- Vice-President of Russian Committee of Mechanics of Composite Structures (1974-present).
- Member of the Russian National Committee on Theoretical and Applied Mechanics (1982- present).
- Member of the Editorial Boards of
 - Problems of Defence Technology (1973-present),
 - Mechanics of Solids, Proceedings of Russian Academy of Sciences (1980-present),
 - Composite Engineering, Pergamon Press (1991-1994),
 - Mechanics of Composite Materials and Structures, (1998-present).

Publications:

Author and co-author of 260 papers and 12 books among which the English editions:

- Mechanics of Composite Structures, Taylor & Francis, Washington, 1993, 506p.
- The Biharmonic Problem in the Theory of Elasticity, Gordon and Breach Publishers, Amsterdam, 1995, 265p.
- Optimal Design, Technomic, 1999, 320p.
- Mechanics and Analysis of Composite Materials, Elsevier, Amsterdam, 2001, 412p.

- Advanced Mechanics of Composite Materials, Elsevier, 2007, 491p.
- Composite Pressure Vessels – Design, Analysis, and Manufacturing, Bull Ridge Publishing, Blacksburg, USA, 20