

Short CV of Andrey Agrachev

Education

Moscow State University, 1969 – 1977 (undergraduate, graduate, and postgraduate studies)

Degrees and Honors

- Ph.D., Moscow State University 1977.
- Doctor of Sciences, Steklov Mathematical Institute 1989.
- Soviet Academy of Sciences Award in Mathematics, 1989.
- Invited Speaker at the International Congress of Mathematicians ICM-94 in Zürich, Switzerland.
- Member of the Nevanlinna Prize Committee of the International Mathematical Union for ICM-2002 in Beijing, China.
- Panel core member of the International Mathematical Union for ICM-2010 in Hyderabad, India.
- Chair Jean D’Alambert, 2016.
- INRIA International Chair, 2020–2024

Professional Activity

- All-Union Institute for Scientific Information (VINITI), Moscow, Russia, 1977 – 92. Positions: researcher, senior researcher, leading researcher.
- Steklov Mathematical Institute, Moscow, Russia, 1992 – present. Positions: leading researcher, external collaborator.
- Moscow State University, Department of Mechanics and Mathematics, 1989 – 1997. Positions: associate professor, full professor.
- International School for Advanced Studies (SISSA), Trieste, Italy, 2000 – present. Position: full professor.
- Co-director of the Summer Schools on Mathematical Control Theory and Dynamical Systems, 2001, 2013, 2016, 2019, ICTP, Trieste, Italy.
- Co-director of the European multi-partner Marie Curie Training Site, 2002 – 2006.
- Director of the Trimester on Dynamical and Control Systems, 2003, SISSA–ICTP, Trieste, Italy.

- National coordinator of the MIUR research projects in 2002 – 2003, 2005 – 2006, 2007 – 2008 and 2010 – 2011.
- Head of the research project “Geometric control theory and analysis on metric structures” supported by the Russian Federation, 2013 – 2015.
- Co-organizer of the Trimester “Geometry, analysis and dynamics on subriemannian manifolds”, 2014, Institute Henri Poincaré, Paris, France.
- Editor-in-Chief of the Journal of Dynamical and Control Systems since 2003 (managing editor, 1995 – 2002); member of the editorial boards of other 5 journals.
- Supervisor of 29 Ph.D. students from 8 countries and 13 postdocs from 9 countries.
- Over 150 research papers on Control Theory, Optimization, Geometry, and the books:
 - Control Theory from the Geometric Viewpoint, with Yu. Sachkov (Springer Verlag, 2004, xiv+412 pp.)
 - Curvature: A variational Approach, with D. Barilari and L. Rizzi (Amer. Math. Soc., 2018, 142 pp.)
 - A Comprehensive Introduction to Sub-Riemannian Geometry, with D. Barilari and U. Boscain (Cambridge Univ. Press, 2020, xviii+745 pp.)