

CURRICULUM VITAE
Vladimir E. Ostashev, Ph.D., Dr.Sc.

● **ACADEMIC DEGREES**

- * **Doctor of Physical and Mathematical Sciences** *in Physics* (similar to Habilitation in France and Germany). Acoustics Institute, Moscow, Russia, 1992.
- * **Ph.D.** *in Physics*. Moscow Institute of Physics and Technology, Moscow, Russia, 1979.
- * **Master Diploma with Honor** *in Physics*. Moscow Institute of Physics and Technology, Moscow, Russia, 1976.

● **EMPLOYMENT**

- * **Senior Research Scientist**. CIRES/University of Colorado at Boulder and NOAA/ESRL, Boulder, CO. 2000 - 2018 (Ret).
- * **Government Expert**. Signature Physics Branch, CRREL, Hanover, NH, 2010 - till now.
- * **College Professor of Physics**. New Mexico State University, Las Cruces, NM. 1996 - 2009.
- * **NRC Senior Research Associate**. NOAA/Environmental Technology Laboratory, Boulder, CO. 1999 - 2000.
- * **Senior Research Scientist, Research Scientist**. Institute of Atmospheric Physics, Russian Academy of Sciences, Moscow, Russia. 1992 - 1993, 1979 -1989.
- * **Senior Research Scientist**. Acoustics Institute, Moscow, Russia. 1989 - 1993.

● **VISITING POSITIONS**

- * **Visiting Professor of Physics**. Centre Acoustique, Ecole Centrale de Lyon, Lyon, France. March - April, 2013; January - April, 1999; May - July, 1997; April, 1995; March, 1994.
- * **Visiting Senior Scientist**. Open University, UK. August, 1995 - January, 1996.
- * **Guest Professor of Physics**. University of Oldenburg, Oldenburg, Germany. October, 1994 - July, 1995; October, 1993 - February, 1994.
- * **Visiting Senior Scientist**. Physical Sciences Laboratory, New Mexico State University, Las Cruces, NM. April - September, 1994.
- * **Visiting Professor of Physics**. University of Mississippi, Oxford, MS. October - December, 1992.

● **RESEARCH EXPERTISE**

- * Acoustic, optic, and EM wave propagation and scattering in random and turbulent media.
- * Acoustics of inhomogeneous moving media.
- * Atmospheric acoustics.
- * Acoustic remote sensing of the atmosphere and ocean.

- * Ocean acoustics.

- **RESEARCH ACHIEVEMENT AND RECOGNITION AWARDS**

- * Elected Visiting Professor, Ecole Centrale de Lyon, France (2013, 1997, 1995, 1994).
- * Fellow of the Acoustical Society of America (2007).
- * Associate Editor of the Express Letters of the Journal of the Acoustical Society of America, handling papers on aeroacoustics and atmospheric sound (2006 - present).
- * Associate Editor of the Journal of the Acoustical Society of America, handling papers on outdoor sound propagation, ocean acoustics, and sound-flow interaction (2005-present).
- * National Research Council Associateship Award (1999).
- * Fellowship of the French Ministry of Education and Research, France (1998).
- * Royal Society Exquota Fellowship, UK (1995).

- **PUBLICATIONS**

Total number of scientific publications is **350**, including:

- * **4** books, with **3** of them published in major international publishing houses.
- * **3** contributions to books.
- * **101** papers in peer reviewed journals with international circulation, including **3** review articles.

- **TEACHING EXPERIENCE**

Courses of lectures taught at universities and international schools:

- * **Geometrical Acoustics in Inhomogeneous Moving Media.** The First International School on Sound Flow Interaction, Cargese, Corsica, France, 2000.
 - * **Sound Propagation in Turbulent Flows.** The First International School on Sound Flow Interaction, Cargese, Corsica, France, 2000.
 - * **Physics 520 and 620: Waves in Random Media.** New Mexico State University, Las Cruces, NM, 1998.
 - * **Sound Propagation and Scattering in Turbulent Media.** The University of Oldenburg, Oldenburg, Germany, 1994 -1995.
 - * **Sound Propagation in Moving Media.** The University of Oldenburg, Oldenburg, Germany, 1993 -1994.
 - * **Outdoor Sound Propagation.** National Center for Physical Acoustics, Oxford, MS, 1992.
- **THESIS ADVISOR** Dr. Ostashev supervised students in the U.S. and Germany: S. Vecherin (Ph.D. and Post Doc, NMSU), R. Wood (Ph.D., NMSU), M. Campin (MS, NMSU), S. Moore (MS, NMSU), B. Brahler (MS, Oldenburg University, Germany), F. Gerdes (MS, Oldenburg University, Germany).