

Alexander O. GOVOROV

Work address:

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Education

1991
Ph. D. in physics
Institute of Semiconductor Physics, Akademgorodok, Novosibirsk, Russia
Thesis: Inelastic light scattering in semiconductor microstructures
Adviser: Prof. A. V. Chaplik

1987
Diploma in engineering physics with excellence (equivalent to B. Sc.)
Novosibirsk Electro-Technical Institute, Novosibirsk, Russia

Experience

**Institute of Semiconductor Physics, Russian Academy of Sciences, Siberian Branch,
Akademgorodok, Novosibirsk, Russia**
Aug. 1987 - Sept. 1989 - probationer
Sept. 1989 - May 1993 - junior scientific researcher
May 1993 - Apr. 1997 - scientific researcher
Apr. 1997 - Dec. 2002 - senior scientific researcher

Ohio University, Athens, USA
2001 – 2002 - Visiting Professor at Ohio University in Athens.
2002 – 2006 - Associate Professor, Tenure-Track Position
2006 – 2010 - Associate Professor
2010 - 2016 - Full Professor
2016 - ... - Distinguished Professor at Ohio University

Munich University, Sektion Physik and Center for NanoScience

Mar. 1996 - Mar. 1997 - A.v. Humboldt fellow in Munich (Prof. Jörg P. Kotthaus)

Oct. 1999 - Feb. 2000 - Visiting Professor at Sektion Physik at LMU.

Scientific interests

**Theoretical Condensed Matter Physics,
Physics of nanostructures
Energy-related research
Optical and transport phenomena
Many-body effects
Hybrid nanostructures
Colloidal nanocrystals, energy transfer, light harvesting
Bio-assembled nanocrystals**

Awards and Honors

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| 1996 | - A. v. Humboldt-Foundation fellowship |
| 2001 | - Glidden Visiting Professorship at Ohio University |
| 2004 | - Friedrich Wilhelm Bessel Research Award, A. v. Humboldt Foundation |
| 2009 | - Ikerbasque Research Fellowship Award (Spain) |
| 2012 | - E.T.S. Walton Visitor Award (Ireland) |
| 2012 | - APS Fellow |
| 2013 | - Chang Jiang (Yangtze River) Chair Professorship of the Scholar Program of MOE of China |
| 2013 | - 2014 Jacques-Beaulieu Excellence Research Chair (INRS, Montreal, Canada) |
| 2014 | - Visiting Professorship at Nanyang Technological University, Singapore |
| 2015 | - Arts & Sciences Outstanding Faculty Research and Scholarship Award, Ohio University |
| 2016 | - Edwin and Ruth Kennedy Distinguished Professor at Ohio University |

Some of the grants

- 1994-1996 - grant of the Russian Foundation for Basic Research
- 1999-2000 - grant of the Russian Foundation for Basic Research
- 1999-2004 - grant of Volkswagen Foundation
- 2001 - Rufus Putnam Visiting Professorship at Ohio University
- 2005-2007 - Grant of NIST: Hybrid Nanocrystal Superstructures: photonic properties and plasmon resonances
- 2005-2010 - Ohio Board of Regents
- 2006 - 2009 - NSF grant: Fluid Sensors from Hybrid Nanocolloids with Molecular Springs (in collaboration with U. Michigan)
- 2007-2009 - NIH R21 grant: Control of Cell Systems Using Optically-Driven Nanoparticles as Actuators
- 2008-2009 optical - Grant of General Dynamics Corporation: Plasmon-enhanced responses of bio-nanomaterials
- 2010 - Travel Fellowship of Nanosystems Initiative Munich
- 2009-2012 - Grant of Air Force Research Office: Bio-inspired nanostructures for opto-electronic applications
- 2009-2014 - NSF grant: Collaborative Research: IDR-Engineering of the Novel Nanostructure for Biomedical Sensing and Imaging. In collaboration with: U. of Texas Medical Branch and U. of Michigan.
- 2010-2014 - Grant of Volkswagen Foundation: “Transfer of energy and information in DNA-assembled nanocrystal networks”. In collaboration with LMU, Munich.
- 2014 - Jacques-Beaulieu Excellence Research Chair (INRS, Montreal, Canada).
- 2015-2017 - Grant of The Indo-US Science and Technology Forum (IUSSTF): “Joint Indo-US Centre for Quantum Plasmonics of Hybrid Nano-Assemblies”; in collaboration with Bangalore and Argonne National Labs.
- 2014-2019 - Chang Jiang Chair Professorship of the Scholar Program of MOE of China. Funding for joint postdocs between U. of Chengdu and Ohio U.

- 2012-2017 - Grant of DoD (MURI), Hybrid Nanostructures for Electromagnetic Media.
- 2014-2019 - Grant of Volkswagen Foundation: “Tailoring energy transfer pathways in DNA-assembled nanocrystal architectures”. In collaboration with LMU, Munich.

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