

IVAN RUKHLENKO

Department of Electrical and Computer Systems Engineering
Wellington Rd., Bldg. 72, Rm. 131, Monash University, VIC 3800, Australia

Education

- 2006 PhD in Optics from S. I. Vavilov State Optical Institute, Russia
- 2003 MSc in Physics (with honors) from the Saint Petersburg State Polytechnical University, Russia
- 2001 BSc in Physics (with honors) from the Saint Petersburg State Polytechnical University, Russia

Professional Career

- 2008 – present Research Fellow, Monash University, Australia
- 2006 – 2008 Research Fellow, Saint Petersburg State University of Information Technologies, Mechanics and Optics, Russia

Honours & Awards

- 2012 Monash Researcher Accelerator Award
- 2012 Australian Research Council's Discovery Early Career Researcher Award
- 2007, 2006, 2005 *Young Teacher Awards* of the Dynasty Foundation
- 2004 Scholarship of International Soros Science Educational Program
- 2004 V. A. Fok Special Scholarship of S. I. Vavilov State Optical Institute
- 2003 Postgraduate Scholarship of the Dynasty Foundation
- 2001, 2000 Polzunovsky Scholarships

Editorial

- Petranika Journal of Science & Technology Editorial Board Member, ISSN 0128-7680 (2013–2015)
- Journal of Computational Methods in Physics Editorial Board Member, Hindawi Publishing Corporation, ISSN 2314-6834 (2013)
- Optics Editorial Board Member, Science Publishing Group (2013–2014)



Activities as Referee

For journals

Optics Express, Optics Letters, Applied Optics, Journal of the Optical Society of America B, Journal of Optics, Optics Communications, IEEE Photonics Technology Letters, IEEE Journal of Lightwave Technology, IEEE Photonics Journal, and IEEE Journal of Selected Topics in Quantum Electronics

For funding agency

Australian Research Council

Supervision

Current PhD students

Mr. Chanaka Rupasinghe (since 2012), Mr. Debabrata Sikdar (since 2012), Mr. Anvar Baimuratov (since 2011), Mr. Vadim Turkov (since 2011), and Mr. Srinivas Reddy (since 2011)

Former PhD students

Mr. Asanka Pannipitiya (degree awarded in 2013), Mr. Dayan Handapangoda (degree awarded in 2012), Dr. Indika Udagedara (2012), Dr. Chethiya Dissanayake (2011), and Dr. Vineetha Kalavally (2011)

Research Grants

Requested from ARC

Discovery Project *Nonlinear plasmonic nanostructures for next-generation photonics devices* (\$422,000) DP140100277, Chief Investigator

2013 – 2014

Monash Researcher Accelerator Grant *Two- and three-dimensional quantum-dot supercrystals* (\$73,270), Chief Investigator

2012 – 2014

ARC's Discovery Early Career Researcher Award *Controlling light with nonlinear effects in silicon nanocrystals* (\$375,000) DE120100055, Chief Investigator

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According to Scopus

12

Publication Summary

2 books

and 1 book chapter

73 articles

in refereed journals

21 papers

in refereed conference proceedings