

# CURRICULUM VITAE

Igor Meglinski, *PhD, FInstP*

Department of Physics, University of Otago, P.O. Box 56, Dunedin, 9054, New Zealand

## Research Interests

My research interests lie at the interface between physics, biomedical engineering, medicine and biological sciences, focusing on the development of new non-invasive optical diagnostic and imaging techniques and their applications in medicine & biology, material sciences, combustion, pharmacy, environmental monitoring, agricultural, food processing and the health care industries.

## Education

*PhD* with two honorary fellowships (1997) at the interface between the **University of Pennsylvania**, USA and **Saratov State University**, Russia; *MSc* (with distinction) in Laser Physics (1994); *MSc/BSc* in Physics of Solid State (1992); Saratov State University, Saratov, Russia;

## Employment History

Head of Bio-Photonics & Bio-Medical Imaging: Department of Physics, University of Otago, Dunedin, New Zealand (2009 – present); Cranfield Health, Cranfield University, UK (2007 – present); Director of Biomedical Optical Diagnostics Lab., School of Engineering, Cranfield University, UK (2001 – 2007)

## Honors and Awards and Professional Recognitions

2012: Prize for best publication from International Academic Publishing Company “Nauka/Interperiodica”; Fellow of Institute of Physics (FInstP); National Award for outstanding achievements in the development of science from Russian Academy of Natural History; Senior Member: Institute of Electrical and Electronics Engineers (IEEE), IEEE Engineering in Medicine and Biology Society (EMBS), IEEE Photonics Society (IPS)

2011: *Node Leader in Biophotonics4Life (BP4L) Worldwide Consortium*; Honorary Professor of Russian Academy of Natural History; Life member: Optical Society of America (OSA) and The International Society for Optical Engineering (SPIE); International Cooperation Partner of European Network of Excellence on Biophotonics (P4L); Silver Medal and Honorary Professorship from Russian Academy of Natural History;

2010: *Ad Hoc* Head of Research, Irkutsk State University, Russia; 2007: ‘Innovation for the future’ award, UK; First prize at Cranfield Health Partnership Conference, UK; 2006: Award for best paper, ICLASS, Japan; Invited *Annual presentations by Britain’s Top Younger Scientists, Engineers and Technologists*, House of Commons, London UK; 2005: The Rank Prize Funds award; 1-st prize winner, Institute of Physics, UK

**Visiting researcher:** *Ad Hoc* Head of Research, Irkutsk State University, Irkutsk, Russia (2010 – present); Visiting professor, International Institute of Optics & Bio-photonics (2005 – present); Weizmann Institute of Science, Israel (2009 – present); Short term visiting researcher: A\*STAR, Singapore (2010 – present); Helmholtz Zentrum München, Germany (2011), National University of Australia, Australia (2011); Harvard Medical School, Boston, USA (2009); Lund University, Lund, Sweden (2009); University of Western Australia, Perth, Australia (2006); Royal Devon and Exeter Hospital, UK (1998 – 2001).

Principle Investigator and/or Coordinator for over 50 research projects, supported by European, British & New Zealand Research Councils, NATO, Royal Society, U.S. CRDF, UK NHS trust, New Zealand Ministry of Business, Innovation & Employment, Russian Federal Agency for Science and Innovations, and industrial partners including Proctor & Gamble, Philips, General Electrics, GSK, J&J (with a total cumulative budget of over \$15M).

Member of **Program Committees** & International Advisor Committees, and Chair at the major international conferences in Biomedical optics, Biomedical Imaging and Biophotonics

## Publications

Authored and co-authored over 180 papers in peer-reviewed scientific journals, proceedings of international conferences, book chapters and 2 patents. Over 260 presentations at the international conferences, symposia and workshops, including over 120 invited lectures and plenary talks.