



**Professor Anatoly B. Rozenfeld (Rosenfeld)** [anatoly@uow.edu.au](mailto:anatoly@uow.edu.au)

**Education:**

M.Sc. (with distinction), Leningrad (St Petersburg) Polytechnic Institute, USSR (1974)  
Ph.D. Institute for Nuclear Research, Ukraine (1991)  
Institute of Company Directors, *Practice of Directorship*, Australia (2002)

**Some Memberships/Honours:**

Senior Member IEEE, NPSS (1998-)  
Member, Radiation Instrumentation Steering Committee (RISC), IEEE NPSS(2002-5, 2010-)  
Councilor, Australian Institute of Nuclear Science and Engineering (1997-2002)  
Member-in-Large, International Solid State Dosimetry Organization (2007-)  
Member, Grant Review Panel, National Health Medical Research Council (NHMRC) (2005-  
Member NHMRC Academy (2009)  
Chair of Asian-Pacific Program at IEEE NSS MIC, Honolulu, October 2007, USA,  
Panellist, International Space Medicine Summit, NSBRI NASA, Houston, USA (2008)  
Keynote Speaker Australian Institute of Physics (AIP) congress , 2008  
President Solid State Dosimetry conference (SSD 16), Sydney, 19-24 September, 2010

**Appointments:**

Professor, School of Eng.Physics, University of Wollongong (UOW), Australia (2002-  
Director, Centre for Medical Radiation Physics, UOW (2000-)  
Associate Professor, School of Engineering Physics, UoW (1999-2001)  
Adjunct Professor, School of Physics, University of NSW, Australia (1997-)  
Head, Group of Medical Radiation Physics, UoW (1996-1999)  
Senior Lecturer, School of Physics, UoW (1996-1998)  
Lecturer, Department of Physics, UoW, (1993-1995)  
Research positions in radiation physics, Institute for Nuclear Research, Ukraine (1977-1992)

**Research:**

Research interest include R&D in semiconductor radiation detectors and instrumentation based on them for dosimetry , microdosimetry and nanodosimetry in radiation therapy (LINAC IMRT, VMAT, Tomotherapy, SRS , proton therapy, synchrotron radiation (MRT)), imaging and space applications. Monte Carlo simulations (dosimetry, detectors, imaging). Published more than 180 papers in peer review international journals in the field of radiation detection, dosimetry, inventor-15 patents in radiation detection. Licensing to industry.

*Representative publications:* <http://www.uow.edu.au/eng/phys/cmrip/index.html> or/and [https://misprd.uow.edu.au/ris\\_public/WebObjects/RISPublic.woa/wa/Staff/selectPerson?id=8609&group=33](https://misprd.uow.edu.au/ris_public/WebObjects/RISPublic.woa/wa/Staff/selectPerson?id=8609&group=33)

**Editorships:**

Editorial Board: International Journal of Instrumentation (JINST, IOP) (2005-), *Physica Medica* (Europ. Journal of Med Phys)(2007-), *Radiation Measurements* , Elsevier (2009-)

**Grants:**

Attracted more than \$7M competitive Australian and International grants.