

## **Appendix – Service to Outside Organisations**

### **Professor N.N. Akhmediev**

Member, Scientific Program Committee and Chair, Mini-symposium, 4<sup>th</sup> IMACS International Conference on Nonlinear Evolution Equations and Wave Phenomena, Georgia, USA, April  
Member, Conference Committee, Nonlinear Guided Waves and Their Applications, Dresden, Germany, September  
Associate Editor, Optics Express

### **Dr T. Aste**

Organiser, Italy-Australia Science Forum in the ACT "Materials and Complexity", Research School of Physical Sciences and Engineering, The Australian National University, March  
Member, Scientific Committee, International Conference Complex Systems, part of the SPIE International Symposium on Microelectronics, MEMS and Nanotechnology, Brisbane, December  
Member, Scientific Committee, International Conference Econophysics Colloquium, The Research School of Physical Sciences, The Australian National University, Canberra, November  
Member, Scientific Committee, Association pour L'Etude de la Micromécanique des Milieux Granulaires (AEMMG)

### **Dr K.G.H. Baldwin**

Chair, International Council on Quantum Electronics  
Chair, Australian Institute of Physics Congress  
Member, Liaison Committee, Australian Conference on Optics, Lasers and Spectroscopy  
Member, Australian Optical Society Council  
Chair, Science Policy Committee, Federation of Australian Scientific and Technological Societies  
Member, Australasian Council on Quantum Electronics  
Director at Large, Board, Optical Society of America  
Member, Program Committee, NZ & Australian Quantum-Atom Optics Workshop, Queenstown, 28 November – 1 December

### **Dr T.T. Barrows**

Member, Committee, Australasian Quaternary Association  
Member, National Committee for Quaternary Research, Academy of Sciences

### **Professor M.T. Batchelor**

Member, Editorial Board, Journal of Physics A: Mathematical and General  
Member, Editorial Board, Journal of Statistical Mechanics  
Member, Program Committee, Australian Institute of Physics Congress  
Organiser, New Frontiers in Exactly Solved Models, Australian National University  
Organiser, Integrability, Spin Systems and Ultracold Quantum Gases, University of Tokyo/Australian National University Workshop, Tokyo, Japan  
Member, International Advisory and Organisation Committee, First Australian/Italian Workshop on Statistical Physics – Statistical Systems out of Equilibrium: Random Systems and Complex Fluids, Gold Coast

**Dr B.D. Blackwell**

Member, Commission on Plasma Physics (C16), International Union for Pure and Applied Physics  
Member, Executive Committee, International Energy Agency Implementing Agreement for Research on Stellarators

**Dr G.G. Borg**

Editor, Czech Journal of Physics

**Professor R.W. Boswell**

Chair and Convenor, Asia Pacific Conference on Plasma Science and Technology  
Member, Forum for Europe and Australian Science and Technology  
Member, Foreign Relations Committee, ATSE  
President, Australia France Association of Scientific and Technical Experts

**Professor P. Bouwknegt**

Member, Council, Australian Mathematical Society (until September 2005)  
Vice President, Australian Mathematical Society, Annual Conferences  
Member, Accreditation Committee, Australian Mathematical Society  
Member, Committee, International Union of Pure and Applied Physics, C18 Commission of Mathematical Physics (Vice-Chair since October 2005)

**Professor S.J. Buckman**

Chair, ACT Fulbright Alumni Association

**Professor A.P. Byrne**

Member, Australian Academy of Science Physics Panel  
Member, Organising and Program Committees, 16<sup>th</sup> Biennial Congress of the Australian Institute of Physics, Canberra  
Member, Committee (Secretary/Treasurer), Nuclear and Particle Physics Group (NUPP), Australian Institute of Physics  
Referee, The Engineering and Physical Sciences Research Council (EPSRC), UK proposals  
Member, Australian Academy of Science National Committee for Physics

**Dr C. Charles**

Organisor, Helicon Double Layer Workshop, Australian National University, March

**Dr Y. Chen**

Program Leader, ARC Centre of Functional Nanomaterials.  
Member, Organising Committee, Conference of Advances in Functional Nanomaterials  
Member, Committee, Institute of Physics, ACT Branch  
Member, Instrument Advisory Team, ANSTO  
Ozreader, Australian Research Council  
Reviewer, European Young Investigator Awards  
Reviewer, Canadian Research Development Grants  
Reviewer, Research Grants for Department of Energy, USA  
Reviewer, US-Israel Collaborative Research Programs

Reviewer, Chuen Hui Projects, Department of Science and Technology, China

**Dr V. Craig**

Chair, Organising Committee, 8<sup>th</sup> Japan-Australia Colloid and Interface Gakki, Terrigal, NSW  
ACT Representative, Colloid and Surface Science Division, RACI

**Dr T. Dall**

Tutor, School of Physical, Environmental and Mathematical Sciences (formerly School of Physics),  
Australian Defence Force Academy

**Dr M. Das**

Member, Editorial Advisory Board, Journal of Physics, Condensed Matter  
Member, International Advisory Board, Workshop on Condensed Matter Theories, Kyoto, Japan

**Dr M. Dasgupta**

Member, Committee, Nuclear and Particle Physics Group, Australian Institute of Physics  
Member, International Advisory Committee, Nuclear Structure, Astrophysics and Reactions  
International Conference, Surrey, UK, January  
Member, Organising Committee, Symposium on Science with Rare Isotope Beams, Honolulu,  
December  
Member, International Advisory Committee, Seventh International Conference on Radioactive  
Nuclear Beams (RNB7), Italy, July 2006

**Professor R.L. Dewar**

Editorial Board, Plasma and Fusion Research, Japan Society of Plasma Science and Nuclear Fusion  
Research  
Member, IUPAP C16 Commission on Plasma Physics  
Member, International Advisory Committee, International Congress on Plasma Physics 2006  
Member, International Advisory Committee, Asia-Pacific Plasma Theory Conference (APPTC'05)

**Dr T. Di Matteo**

Co-Organiser, Italy-Australia Science Forum in the ACT "Materials and Complexity", Research  
School of Physical Sciences and Engineering, The Australian National University, March  
Member, Scientific Committee, International Conference Complex Systems, part of the SPIE  
International Symposium on Microelectronics, MEMS and Nanotechnology, Brisbane, December  
Member, Scientific Committee, International Conference Econophysics Colloquium, The Research  
School of Physical Sciences, The Australian National University, Canberra, November  
Member, Scientific Committee, International Conference, Noise and Fluctuations in Econophysics  
and Finance, part of the Third SPIE International Symposium on Fluctuations and Noise, Austin,  
USA, May  
Member, Scientific Committee, Association pour L'Etude de la Micromécanique des Milieux  
Granulaires (AEMMG)  
Member, Management Committee, EU collaboration, COST P10 "Physics of Risk" (2003–2007)

**Professor G.D. Dracoulis**

Member, Committee, Nuclear and Particle Physics Group, Australian Institute of Physics

Member, North America Committee, Australian Academy of Science, International Program of Scientific visits

Member, Australian Academy of Science, Reactor Working Group

ANU Representative, Engineering and Physical Sciences Research Council (UK), ANU-EP SRC Agreement: Beam Time Allocation

Referee, Engineering and Physical Sciences Research Council (UK), Senior Research Fellowship Scheme

Expert Referee, Engineering and Physical Sciences Research Council (UK), Research Grants; Nuclear Physics Program

Evaluator, Foundation for Research Development (South Africa) – Evaluation of Research Outputs of Principal Grant Holders

Reader, Physical and Earth Sciences, Australian Research Council

Discussion Leader, Australian Academy of Science *Soiree* on Advances in Nuclear Energy, August

Member, Expert Subcommittee, National Collaborative Research Infrastructure Scheme (NCRIS), Department of Education, Science and Training

### **Professor R. Elliman**

Immediate Past President, Australian Institute of Physics

Member, ACT Branch Committee, Australian Institute of Physics

Member, International Committee, International Conference on Ion Beam Modification of Materials

Member, International Committee, International Conference on Ion Beam Analysis

Member, International Committee, International Conference on Atomic Collisions in Solids

Member, Editorial Advisory Board, Vacuum

Member, External Review Committee, Surrey Ion Beam Centre, Surrey University, UK

Member, Divisional Committee, Electronic Materials and Processing Division, International Union of Vacuum Science Techniques and Applications (IUVSTA)

OzReader, Australian Research Council

Reviewer, ASTAR, Singapore

Reviewer, National Science Foundation, USA

Reviewer, Academic Research Fund, National University of Singapore

Reviewer, Natural Sciences and Engineering Research Council (NSERC), Canada

Member, Organising and Program Committees, 16<sup>th</sup> Australian Institute of Physics Biennial Congress

Member, Program Committee, 17<sup>th</sup> International Conference on Ion Beam Analysis, Seville, Spain

Member, Organising and Program Committee, 14<sup>th</sup> AINSE Conference on Nuclear and Complementary Techniques of Analysis, Wellington, New Zealand, November

Member, Program Committee, SPIE Conference on Microelectronics, MEMS and Nanotechnology, Brisbane, December

### **Dr L.K. Fifield**

Referee, Major Grant Proposal, Scottish Higher Education Funding Council

ANU Nominee, ACT Radiation Council

### **Professor N. Fletcher**

Associate Editor, Journal of the Acoustical Society of America

Member, Editorial Board, Journal of Sound and Vibration

Member, House Committee, Australian Academy of Science  
Independent Chair, ARC Nanotechnology Network

**Dr S.T. Gibson**

Website Database Manager, Australian Optical Society

**Dr M. Gulacsi**

Associate Editor, Philosophical Magazine

**Professor J.H. Harris**

Member, Stellarator Physics Advisory Committee, Princeton Plasma Physics Laboratory, Princeton, USA

Member, Plasma Specialist Committee, AINSE

Member, Executive Committee, International Energy Agency Implementing Agreement for Research on Stellarators

Member, Program Committee, 16<sup>th</sup> Australian Institute of Physics Congress

**Professor D.J. Hinde**

Member, International Advisory Committee, Ninth International Conference on Nucleus-Nucleus Collisions, Brazil, 2006

Member, International Advisory Committee, FUSION06 International Conference, Italy 2006

Member, Program Committee, 17<sup>th</sup> Biennial Congress of the Australian Institute of Physics, Brisbane, December 2006

Member, Committee, Nuclear and Particle Physics Group (NUPP), Australian Institute of Physics

Convenor, NUPP Contribution to the AIP Congress, Brisbane, December 2006

**Dr J. Howard**

Member, Editorial Board, Plasma Physics and Controlled Fusion

Treasurer, 16<sup>th</sup> Australian Institute of Physics Congress

Member, Program Committee, 16<sup>th</sup> Australian Institute of Physics Congress

**Professor S.T. Hyde**

Consultant, International Union of Crystallography Mathematical Crystallography Commission

Commissioning Editor, Current Opinion in Colloid and Interface Science, Liquid Crystals section

**Professor C. Jagadish**

Chair, IEEE Australian Chapter of Electron Devices and Lasers & Electro-Optics Societies

Member, Meetings Committee, IEEE Electron Devices Society, USA

Associate Editor, Journal of Nanoscience and Nanotechnology

Member, AdCom, IEEE Nanotechnology Council

Chair, IEEE Nano-Optoelectronics and Nano-Photonics Technical Committee, Nanotechnology Council

Member, IEEE Spintronics Technical Committee, Nanotechnology Council

Member, Editorial Board, Journal of Materials Science for Electronics

Member, International Editorial Advisory Board, Journal of the Optical Society of Korea

Associate Editor, Journal of Lightwave Technology

Member, Electronics Division Executive Committee, The Electrochemical Society, Inc.  
Vice-President (Publications), IEEE Nanotechnology Council  
Member, Executive Committee, IEEE Nanotechnology Council  
Member, Editorial Advisory Board, Electrochemical and Solid State Letters  
Member, IEEE Ethics and Member Conduct Committee, Hearing Panel  
Member, Editorial Advisory Board, Nanotech Briefs  
Member, Nano-Photonics Technical Committee, IEEE Lasers and Electro-Optics Society  
Member, Award Committee, IEEE Lasers and Electro-Optics Society Distinguished Lecturer  
Member, Award Committee, IEEE Lasers and Electro-Optics Society Aaron Kressel  
Member, Working Group on Nanotechnology, Prime Minister's Science, Engineering and Innovation Council  
Member, Nick Holonyak, Jr. Award Committee, Optical Society of America  
Member, International Advisory Board, IEE Proceedings on Circuits, Devices and Systems  
Chair, Publications Committee, IEEE Nanotechnology Council  
Member, Australian Government Reference Group on Nanotechnology  
Member, Editorial Board, Nanoscale Research Letters  
Member, Editorial Board, Ethics in Nanotechnology  
Member, International Advisory Committee, COBRA, Inter University Research Institute for Communications Technology, Eindhoven University of Technology, The Netherlands  
Member, International Advisory Board, The MacDiarmid Institute for Advanced Materials and Nanotechnology, Centre of Research Excellence, Victoria University of Wellington and University of Canterbury, New Zealand  
Member, Review Committee, Nanostructural Analysis Network Organisation (NANO), Major National Research Facility  
International Expert Reviewer, Swedish Microelectronics Research Program, Swedish Foundation for Strategic Research  
International Reader, Australian Research Council  
Reviewer, Grants Program, Nanyang Technological University of Singapore  
Reviewer, Agency for Science, Technology and Research, Singapore  
Member, College of Reviewers, Natural Sciences and Engineering Research Council of Canada  
Member, EPSRC Peer Review College, UK  
Reviewer, Hong Kong Research Grants Council, HK  
Reviewer, Marsden Fund, New Zealand  
Member, Program Committee, Materials and Nanotechnologies, 20<sup>th</sup> Congress of the International Commission for Optics-Challenging Optics in Science and Technology, China, August  
Member, Program Committee, Nanotechnology II, SPIE's Second International Symposium on Microtechnologies for the New Millennium 2005, Seville, Spain, May  
Member, Technical Program Committee, OSA Topical Meeting on Information Photonics, Hyannis, USA  
Member, International Advisory Committee, Symposium M: Photonic Materials and Devices, 3<sup>rd</sup> International Conference on Materials for Advanced Technology (ICMAT 2005), Singapore, July  
Member, International Advisory Committee, International Conference on Optics and Optoelectronics (ICOL 2005), Dehradun, India, December  
Member, Program Committee, First IEEE International Workshop on Design and Test of Defect-Tolerant Nanoscale Architectures (NanoArch 05), Palm Springs, USA, April  
Member, Program Committee, 2005 IEEE Nanotechnology Conference, Nagoya, Japan, July

Member, International Program Committee, 2<sup>nd</sup> International Conference on Advanced Materials and Nanotechnology, Queenstown, New Zealand, February  
Co-Chair, Program Committee, Conference on BioMEMS and Nanotechnology II, SPIE International Symposium on Microelectronics, MEMS and Nanotechnology, Brisbane, December  
Co-Chair, Program Committee, Conference on Device and Process Technologies for Microelectronics, MEMS and Photonics II, SPIE International Symposium on Microelectronics, MEMS and Nanotechnology, Brisbane, December  
Member, Program Committee, Conference on Photonics: Design, Technology and Packaging II, SPIE International Symposium on Microelectronics, MEMS and Nanotechnology, Brisbane, December  
Chair, Local Organising Committee, Annual Meeting of the IEEE Lasers and Electro-Optics Society, Sydney, October  
Member, International Advisory Board, BioNano – The Next Frontier, 2005 Sir Mark Oliphant Conference, Brisbane, December  
Member, International Advisory Committee, International Conference on Advanced Optoelectronics and Lasers, Yalta, Crimea, Ukraine, September

**Dr. T. Kibédi**

Australian Representative, International Network of Nuclear Structure and Decay Data (NSDD) Evaluators, IAEA  
Honorary Treasurer, ACT Branch of the Australian Institute of Physics

**Professor Yu.S. Kivshar**

Member, US-Canada-Mexico Travel Grant Committee, Australia Academy of Science  
Member, Election Committee, Australian Academy of Science  
Co-chair, SPIE Meeting (Brisbane, Australia)  
Member, International Program Committee, Photons'05, UK  
Member, Sub-committee, OSA Topical Meeting on Nonlinear Guided Waves and Applications  
Member, Nonlinear Optics Committee, LEOS Annual Conference, Sydney  
Member, Editorial Board, Optics Communications  
Member, Advisory Board, Chaos: Interdisciplinary Journal of Nonlinear Science  
Project Reviewer, National Science Foundation  
Project Reviewer, Israeli-Germany Collaborative Grant  
Project Reviewer, Singapore Research Council  
Project Reviewer, Dutch Research Council  
Project Reviewer, Canadian Research Council  
Project Reviewer, Chilean Research Foundation

**Professor B.R. Lewis**

Independent Expert, DEST Review of the Australian Synchrotron Research Program M NRF

**Professor J.D. Love**

Chair, Steering Committee, Australian Conference on Optical Fibre Technology  
Chair, 14<sup>th</sup> International Workshop on Optical; Waveguide Theory, Sydney, July

Chair, Organising Committee, 21<sup>st</sup> International Congress on Optics/Australian Optical Society Conference/OptoElectronics Communication Conference/Australian Conference on Optical Fibre Technology, Sydney, July 2008  
Co-Chair, International Conference on Materials for Advanced Technologies, Singapore, July 2007  
Director, ACT Siemens Science & Engineering Experience  
Director, Education & Training, Australian Photonics CRC  
Group Head ANU, Australian Photonics CRC  
International Advisor, Network Technology Research Centre, Nanyang Technological University, Singapore  
Member, Long Range Advisory Committee, International Conference on Education & Training in Optics & Photonics  
Member, International Advisory Committee, European Conference on Optical Communications  
Member, International Commission for Optics Bureau  
Member, Korea-Australia Photonics Association Committee  
Member, Council of the Australian Optical Society  
Member, Executive Committee, Australian Photonics CRC  
Member, Organising Committee, OSA Topical Meeting on Bragg Gratings, Poling & Photosensitivity & Australian Conference on Optical Fibre Technology Conference Sydney, July  
Member, Organising Committee, Australian Institute of Physics Congress, Canberra  
Member, International Advisory Committee, OptoElectronics & Communications Conference  
Reader & Assessor, Australian Research Council  
Reader & Assessor, Hong Kong Research Council  
Reader & Assessor, Singapore Research Council  
Reader & Assessor, Engineering & Physical Sciences Research Council (UK)  
Vice-President, International Commission for Optics

**Mr A. Matthews**

Member, Council, University of Canberra

**Dr F.P. Mills**

Member, National Committee, Astronomy Decadal Plan Working Group for Stars and Planets  
Member, ACT Chapter Committee, Australian Meteorological and Oceanographic Society

**Dr M.C. Ridgway**

Member, International Committee, Radiation Effects in Insulators International Conference Series  
Chair, Photon Factory Specialist Committee, Australian Synchrotron Research Program  
Member, Coordinating Committee, Australian Synchrotron Research Program  
Member, Photon Factory Steering Committee, Australian Synchrotron Research Program  
Member, National Scientific Advisory Committee, Australian Synchrotron Project  
Chair, Beamline Advisory Panel (X-ray Absorption Spectroscopy), Australian Synchrotron Project  
Member, Beamlines Advisory Group, Australian Synchrotron Project  
Member, National Committee on Scientific Directions in Synchrotron-based Science, Australian Synchrotron Research Program/Australian Synchrotron Project  
Member, Program Committee, 16<sup>th</sup> Australian Institute of Physics Congress  
Member, Organising Committee/Program Committee, 2005 Australian Synchrotron Research Program/Australian Synchrotron Users Meeting

**Dr M.G. Shats**

Co-Chair, Organising Committee, Workshop on Turbulence and Coherent Structures, Canberra 2006  
Convenor, 19<sup>th</sup> International Canberra Summer School Turbulence and Coherent Structures in Fluids, Turbulence and Granular Flows, January 2006

**Dr A.E. Stuchbery**

Chair, Nuclear and Particle Physics Group (NUPP), Australian Institute of Physics

**Dr A.A. Sukhorukov**

Member, Program Sub-committee, Nonlinear Periodic Systems, OSA Topical Meeting on Nonlinear Guided Waves and their Applications, Dresden, Germany, September  
Session Chair, International Workshop New Trends in Nonlinear Optics and Beyond, Dresden, Germany, September

**Dr J.P. Sullivan**

Member, International Organising Committee, International Workshop on Low Energy Positron and Positronium Physics

**Dr H.H. Tan**

Senior Member, Institute of Electrical and Electronics Engineering (IEEE)  
Vice Chair, IEEE ACT Section  
Distinguished Lecturer, IEEE Electron Devices Society  
Member, Technical Committee, Nano-Optoelectronics and Nano-Photonics, IEEE Nanotechnology Council  
Member, Program Sub-committee, Annual Meeting, IEEE Lasers and Electro-Optics Society, Sydney  
Member, Program Committee, Conference on Optoelectronic and Microelectronic Materials and Devices (COMMAD), Brisbane  
Member, Program Committee, SPIE Conference on Nano and Microtechnology: Materials, Processes, Packaging and Systems I, Sydney  
OzReader, Australian Research Council

**Dr D.C. Weisser**

Expert Mission, UN International Atomic Energy Agency to Autoridad Regulatoria Nuclear (ARN), Buenos Aires, Argentina

**Professor J.S. Williams**

President, Australian Materials Research Society  
Member, Board, Australian Materials Research Institute  
Member, Board, CRC for Functional Communication Services  
Member, Board, National Youth Science Forum Council  
Member, Board, Australian Photonics CRC  
Member, Adhering Body Commission, International Union of Materials Research Society  
Member, International Union of Materials Research Society Commission on Membership Affairs  
Member, Board, Australian Materials Technology Network

Member, Board, Materials Australia

Member, WRiota Pty Ltd

Member, Panel, Assessment of the Quality of Research Output of the University of Queensland  
School of Physical Sciences

Member, Advisory Committee, University of Sydney Solar Science Pty Ltd (USSS)

Director, Acton Semiconductors Pty Ltd

**Dr A.N. Wilson**

Deputy Chair, Meetings Secretary and Web Editor, Australian Institute of Physics

Member, Organising and Program Committees, 16<sup>th</sup> Biennial Congress of the Australian Institute of  
Physics, Canberra