

PROGRAMME AT A GLANCE

Sunday 28 August 2011

1030-1330	Morning Workshops
Room 2044	Workshop 1: Modulation Formats and Signal Processing Techniques to Approach the Shannon Limit
Room 204B	Workshop 2: Metamaterials for Cloaking: Fundamental Curiosity or Breakthrough Technology?
1330-1430	Lunch Break
1430-1730	Afternoon Workshops
Room 2044	Workshop 3: Platforms for Quantum Computing – Which Way Forward?
Room 204B	Workshop 4: Will Guided-wave Parametric Processing Ever Move Out of the Lab?
Room 201	Workshop 5: Introduction into Fabrication for Optics and Photonics
1730-1900	Welcome Reception - Parkside Ballroom

Monday 29 August 2011

<i>Bayside Auditorium A</i>					
Opening Ceremony					
0900-0915	Plenary Session 1 - Jun Ye				
0915-1000	Official Opening and OSA Advocate of Optics Award Ceremony - Senator Stephen Conroy				
1000-1030	Morning Tea - Bayside Gallery				
1030-1100	PARALLEL SYMPOSIUM - SESSION 1				
Room					
Bayside 101 Symposium 2:	Bayside 102 Symposium 3:	Bayside 103 Symposium 4:	Bayside 104 Symposium 5:	Bayside 105 Symposium 6:	Bayside 106 Symposium 7:
Nanophotonics 1 (2210)	Semiconductor Lasers (2220)	Mode-locked Fibre Lasers (2230)	Photonic Devices and Modelling (2240)	Biophotonics (2250)	Nonclassical States of Light (2260)
Lunch - Bayside Gallery					
1300-1400	PARALLEL SYMPOSIUM - SESSION 2				
1400-1530	PARALLEL SYMPOSIUM - SESSION 3				
Room					
Bayside 101 Symposium 2:	Bayside 102 Symposium 3:	Bayside 103 Symposium 4:	Bayside 104 Symposium 5:	Bayside 105 Symposium 6:	Bayside 106 Symposium 7:
Metamaterials (2440)	Applied Nonlinear Optics 1 (2420)	Gratings and Sensing (2410)	Silicon Photonics (2430)	Ultrafast Laser Modification of Optical Materials (2470)	Ultrafast and Extreme UV Science (2460)
Afternoon Tea - Bayside Gallery					
1530-1600	PARALLEL SYMPOSIUM - SESSION 4				
1600-1730	PARALLEL SYMPOSIUM - SESSION 5				
Room					
Bayside 101 Symposium 2:	Bayside 102 Symposium 3:	Bayside 103 Symposium 4:	Bayside 104 Symposium 5:	Bayside 105 Symposium 6:	Bayside 106 Symposium 7:
Nanoparticles and Applications (2610)	Applied Nonlinear Optics 2 (2620)	High Power Laser Technology (2630)	Optical Signal Processing (2640)	Cavity Quantum Electrodynamics (2660)	Ultrafast Dynamics (2670)
Poster Session 1 (2700) - Bayside Terrace, Level 2					

Tuesday 30 August 2011

<i>Bayside Auditorium A</i>					
Plenary Session 2 - Mark Kasevich Award Presentations					
0830-1015	Plenary Session 2 continued - Ken-ichi Kitayama				
0915-0930	Morning Tea - Bayside Gallery				
0930-1015	PARALLEL SYMPOSIUM - SESSION 4				
1015-1045	PARALLEL SYMPOSIUM - SESSION 5				
1045-1245	Lunch - Bayside Gallery				
Room					
Bayside 101 Symposium 2:	Bayside 102 Symposium 3:	Bayside 103 Symposium 4:	Bayside 104 Symposium 5:	Bayside 105 Symposium 6:	Bayside 106 Symposium 7:
Pulsed Fibre Lasers (3240)	Precision Interferometry (3220)	Frequency Conversion of Solid State Lasers (3210)	Semiconductor Modulators and Beam Optics (3230)	Nanophotonic Sensing and Imaging (3250)	Quantum Information 1 (3270)
Lunch - Bayside Gallery					
1245-1400	PARALLEL SYMPOSIUM - SESSION 5				
1400-1530	PARALLEL SYMPOSIUM - SESSION 6				
Room					
Bayside 101 Symposium 2:	Bayside 102 Symposium 3:	Bayside 103 Symposium 4:	Bayside 104 Symposium 5:	Bayside 105 Symposium 6:	Bayside 106 Symposium 7:
Spectroscopy and Chemical Applications (3410)	Applied Nonlinear Optics 3 (3420)	THz Sources (3430)	Passive Optical Networks (3440)	Femtosecond Laser Microfabrication (3460)	Optical Information Processing and Computing (3450)
Afternoon Tea - Bayside Gallery					
1530-1600	PARALLEL SYMPOSIUM - SESSION 6				

PARALLEL SYMPOSIUM - SESSION 6 (3600)			
1600-1730 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 2: Advanced Interferometry and Spectroscopy (3620)	Bayside 102 Symposium 3: Spatial Control of Solid State Lasers (3630)
	Long-Wavelength Fibre Lasers (3610)	Advanced Interferometry and Spectroscopy (3620)	Spatial Control of Solid State Lasers (3630)
1730-1930		Advanced Networking and Signal Monitoring (3640)	Laser Surface Nanostructuring (3650)
		Fundamentals of Nonlinear Optics 1 (3660)	Fundamentals of Nonlinear Optics 1 (3660)
		Mesoscopic Quantum Optics (3670)	Mesoscopic Quantum Optics (3670)
Poster Session 2 (3700) - Bayside Terrace, Level 2			

Wednesday 31 August 2011

<i>Bayside Auditorium A</i>			
Plenary Session 3			
Ferenc Krausz			
Ed Moses			
Morning Tea - Bayside Gallery			
PARALLEL SYMPOSIUM - SESSION 7			
1030-1230 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 2: Solid-State Laser Engineering Characterisation (4210)	Bayside 102 Symposium 5: Biomedical Applications (4250)
	Novel Fibres and Fibre Characterisation (4210)	Solid-State Laser Engineering (4220)	Biomedical Applications (4250)
1230-1400		Novel Photonic Devices (4240)	Novel Photonic Devices (4240)
		Nanophotonics 2 (4230)	Phase Stabilization and Pulse Characterisation (4260)
		Quantum Science in Atoms, Molecules and Solids 2 (4470)	Quantum Science in Atoms, Molecules and Solids 2 (4470)
Lunch - Bayside Gallery			
PARALLEL SYMPOSIUM - SESSION 8			
1400-1530 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 5: High Power Laser Installation (4450)	Bayside 102 Symposium 3: Microscopic Imaging and Tomography (4430)
	Fibre Sensors 1 (4410)	High Power Laser Installation (4450)	Microscopic Imaging and Tomography (4430)
1530-1600		In-Building and Green Networks (4440)	In-Building and Green Networks (4440)
		Guiding THz (4420)	Fundamentals of Nonlinear Optics 2 (4460)
		Quantum Science in Atoms, Molecules and Solids 1 (4470)	Quantum Science in Atoms, Molecules and Solids 1 (4470)
Afternoon Tea - Bayside Gallery			
PARALLEL SYMPOSIUM - SESSION 9			
1600-1730 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 4: High Power Laser Physics (4610)	Bayside 102 Symposium 2: High Resolution Spectroscopy (4620)
	Fibre Sensors 2 (4610)	High Power Laser Physics (4610)	High Resolution Spectroscopy (4620)
1730-1930		Sources and Amplifiers (4630)	Sources and Amplifiers (4630)
		Optical Storage (4650)	Fundamentals of Nonlinear Optics 3 (4660)
		Novel Systems: Photons, Ions, Molecules and Atoms (4670)	Novel Systems: Photons, Ions, Molecules and Atoms (4670)
Poster Session 3 (4700) - Bayside Terrace, Level 2			
Conference Dinner - Dockside			

Thursday 1 September 2011

<i>Bayside Auditorium A</i>			
Plenary Session 4 - Joss Bland-Hawthorn			
PARALLEL SYMPOSIUM - SESSION 10			
0830-0915 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 3: Holography (5230)	Bayside 102 Symposium 4: LEDs (5240)
	Broadband Fibre Sources (5210)	Holography (5230)	LEDs (5240)
1005-1030		Optical Nanoscopy (5220)	Optical Nanoscopy (5220)
		Short-Pulse Characterisation (5250)	Single Photon Sources and Interference (5260)
		Application of Correlated Photons (5270)	Application of Correlated Photons (5270)
Morning Tea - Bayside Gallery			
PARALLEL SYMPOSIUM - SESSION 11			
1030-1230 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 2: Waveguide Lasers (5420)	Bayside 102 Symposium 3: Photonic Crystals and Nano-Crystals (5430)
	IR Astrophotonics (5410)	Waveguide Lasers (5420)	Photonic Crystals and Nano-Crystals (5430)
1230-1400		Nanophotonics 3 (5440)	Nanophotonics 3 (5440)
		Optical Trapping and Tweezers (5450)	Dimensionality and Non-Equilibrium Phenomena (5460)
		Precision Measurements and Fundamental Tests (5470)	Precision Measurements and Fundamental Tests (5470)
Lunch - Bayside Gallery			
PARALLEL SYMPOSIUM - SESSION 12			
1400-1530 Room	Bayside Auditorium A Symposium 1:	Bayside 101 Symposium 2: Frequency and Temporal Control of Solid State Lasers (5620)	Bayside 102 Symposium 3: Semiconductors /Thin Films (5630)
	Nanophotonic Fabrication (5610)	Frequency and Temporal Control of Solid State Lasers (5620)	Semiconductors /Thin Films (5630)
1530-1600		Novel Sources (5650)	Novel Sources (5650)
		Ultrastatic Optics of the Solid State (5660)	Ultrastatic Optics of the Solid State (5660)
		CPT + Equivalence Principle Tests (5670)	CPT + Equivalence Principle Tests (5670)
Afternoon Tea - Bayside Gallery			
Post Deadline Sessions			
<i>Bayside Auditorium A</i>			
Plenary Session 5 - Oskar Painter			
Conference Closing and Student Prizes Ceremony			