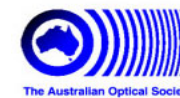




ICO-21 2008 Congress  
Monday 7th - Thursday 10th July 08  
Sydney Convention & Exhibition Centre  
Sydney Australia



Preliminary Program

<b>Monday 7th July 08</b>	
<b>7.00am - 7.30pm</b>	<b>Registrations</b>
8.00am - 9.15am	Opening Ceremony & Awards Ceremony Room: Auditorium A
9.15am - 10.00am	Plenary: Prize Winner 1 Room: Auditorium A
<b>10.00am - 10.30am</b>	<b>Morning Tea (Bayside Gallery)</b>
10.30am - 11:15am	Prize Winner 2 Room: Auditorium A
11:15am - 12:00pm	Plenary 1 Room: Bayside Auditorium A
<b>12.00pm - 1.30pm</b>	<b>Lunch</b>
1.30pm - 2.15pm	Plenary 2 Room: Bayside Auditorium A
2:15pm - 3:00pm	Plenary 3 Room: Bayside Auditorium A
<b>3.00pm - 3.30pm</b>	<b>Afternoon Tea (Bayside Gallery)</b>
3.30pm - 4:15pm	Plenary 4 Room: Bayside Auditorium A
4.30pm - 6.00pm	General Asssembly 1 Room: Bayside Auditorium A
<b>6.00pm - 8.00pm</b>	<b>Welcome Reception</b> Venue: TBC

Preliminary Program

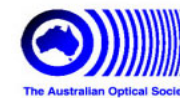
Tuesday 8th July 08						
7.00am - 5.00pm	Registrations					
8.30am - 10.00am	Biomedical Optics & Biophotonics Room: 102	Physical Optics Room: 103	Atom Optics Room: 104	Photonic Systems & Optical Communications Room: 105	X-ray Optics Room: 106	
830	2-Photon Photodynamic Therapy: Photophysics, Photochemistry and Photobiology Brian Wilson	Gradient-index Materials - Manufacturing in Nature and Manmade Duncan Moore	Precision Measurements with Cold Atoms: Triplet and Singlet States in Helium Ken Baldwin	Emerging waveguides with Subwavelength and High Index Features: Extensions of Standard Models and New Applications Shahraam Afshar V.	X-ray Vortices - Science & Applications Andrew Peele	
0845 - 0900						
9:00	Förster Resonance Energy Transfer in the Local Protein Environment: A Theoretical Analysis Based on the Discrete Dipole Approximation Taras Plakhotnik	Self-reconstruction Properties of Non-diffraction Beam After Focusing Fengtie Wu	A Single Layer Zeeman Slower Simon Bell David Sheludko Robert Scholten	Asynchronous Orthogonal Modulation of Intensity and Phase for Label-Switched Optical Packets Lin Xu	Scanning Coherent Diffractive Imaging of an Integrated Circuit with 25nm resolution Brian Abbey	
9:15	Multi-stage Denaturing of Type I Collagen Observed Using Nonlinear Scanning Optical Microscopy Bjornar Sandnes	Statistical Study of an Optical Speckle Field : Quantifying the Departure from the Gaussian Regime Xavier Orlik	Absolute Frequency Stabilisation of a Laser to Ions in a Discharge Till Weinhold	Backward Coherent Output from Incoherently Pumped Mirrorless Optical Parametric Oscillator Carlos Montes	Experiments in X-ray Phase Contrast Microscopy Benedicta Dewi Arhatari	
9:30	Optical Trapping and Surgery of Living Yeast Cells Using a Single Lase Vincent Daria	Amplitude Gratings in Coloured KCl:CO3K2 Crystals Óscar Martínez-Matos	A Pumped Atom Laser Nick Robins	Coherence Theory of Noise in Optical Frequency Combs Ari Friberg	MEM-based HHG Spectrum Reconstruction from Young's Double Slit Measurements Ruben Dilanian	
9:45	Measurement of Vegetable Growth by a Laser-speckle Strain Gauge Ichirou Yamaguchi	Modal Wavefront Sensing Based on the Intensity Transport Equation and its Performance Tomohiro Shirai		Round Robin Characterization of Integrated Optical Amplifiers Stefano Pelli	A Fresnel Coherent Diffractive Imaging Microscope Mark Pfeifer	
10.00am - 10.30am	Morning Tea (Bayside Gallery)					
10.30am - 12.00pm	Poster Session 1 Room: Bayside Gallery					
12.00pm - 1.30pm	Lunch					

Preliminary Program

1.30pm - 3.00pm	Biomedical Optics & Biophotonics Room: 102	Physical Optics Room: 103	Atom Optics Room: 104	Photonic Systems & Optical Communications Room: 105	X-ray Optics Room: 106	TuE: CLEO1 - Slow Light President: Martijn de Sterke Room: Bayside Auditorium A
1330	Advances in Cancer Detection and Diagnosis: The Revolution in Bio- imaging and Micro-molecular Analysis Thomas Baer	Quantum Optical Methods in Classical Optics: Optical Realizations of Quantum Systems Hector Moya-Cessa	Quantum-atom Optics With Fermions Karen Kheruntsyan	Spatial Correlation of the Topographical and Mode Features of fs-Laser Written Waveguides Using NSOM Douglas James Little	HERALDO, a Novel Approach for Holography with an Extended Reference James Fienup	(Tutorial) Slow Light: what we have learned and where are we going? Jay E. Sharping
1345				Quantum Source with Pre- programmed Number of Photons and Other Experimental Applications of Entangled States Daniel Oszetzky		
1400	A Panoramic Optical Motion Sensor Inspired by a Hoverfly Murray Hamilton	Recovery of the Full Coherence Function for an Optical Wavefield Samuel Flewett	Experimental and Theoretical Aspects of Resonant Energy Transfer in an Ultracold Rydberg Gas Christoph Hofmann	Generalised Model of Raman Gain in Microstructured Fibres Mark Turner	Lenless Imaging with Diverging Beams Garth Williams	
1415	3D Widefield Imaging and Dynamic Contrast Enhancement of Biological Samples Using a Simple Multimedia Projector Carlo Mar Blanca	Phase-space Tomography for Separable Optical Fields Tatiana Alieva	Fast and Slow Light in Linear Atomic Media Russell McLean	A Fourier Transform Interleaved Planar Waveguide Spectrometer in Fresnel Diffraction Regime Jose A. Rodrigo	Multiwavelength Elemental Contrast Phase Imaging by the Use of Dispersion Effects Chanh Tran	
1430	Confocal Optical Imaging Based on Optical Scattering as the Contrast Mechanism Steven Jacques	Optical Systems for Phase Space Rotation Transformations Jose A. Rodrigo	Tuning the Molecular Formation Rate of a Quantum Degenerate Gas of Atomic $^7\text{Li}$ Mark Junker	Information Encoding by Using the Orbital Angular Momentum of Laguerre-Gaussian Beam Chunqing Gao	Extending Coherent Diffractive Imaging Algorithms to Utilise Partially Coherent Radiation Lachlan Whitehead	
1445	High-speed Near-infrared Transmission Spectrometer for a New Fast Intrinsic Optical Neural Recording Jonghwan Lee	Invariants of Second-order Moments of Optical Beams Under Phase-space Rotations Tatiana Alieva		High Optical Responsivity of ITO Transparent Gate InAlAs/InGaAs Metamorphic HEMT for 1.31 $\mu\text{m}$ Fiber Communication Lin Che Kai	Design tolerances of nonlinear Bragg- grating couplers optimised for all- optical slow-light switching Sangwoo Ha	



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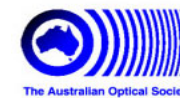
3.00pm - 3.30pm	Afternoon Tea (Bayside Gallery)	
3.30pm - 5.00pm	<h1>Tours</h1>	TuJ: CLEO2 - Propagation Effects Presider: John Dudley Room: Bayside Auditorium A
1530		(Invited) Recent Progress in Photonic Crystal Fibre Technologies Satoki Kawanishi
1545		
1600		(Invited) Observation of novel surface waves in optical waveguide arrays. Ivan Garanovich
1615		
1630		Impedance of photonic crystals Felix Lawrence
1645		Analysis of Lateral Leakage Loss in Silicon-On-Insulator Thin-Rib Waveguides Thach Nguyen
1700		High-Order Dispersion Engineering for Optimal Four-Wave Mixing Michael Lamont
1715		Shaping the colors of polychromatic light in femtosecond laser-written two-dimensional waveguide arrays Ivan Garanovich

Preliminary Program

Wednesday 9th July 08						
7.30am - 5.00pm	Registrations					
8.30am - 10.00am	Biomedical Optics & Biophotonics Room: 102	Physical Optics Room: 103	Atom Optics Room: 104	Optical Materials Room: 105	Optical Microscopy & Imaging Room: 106	WeE: CLEO3 - Novel Devices President: Jay Sharping Room: Bayside Auditorium A
830	Tip-enhanced Raman Microscopy: A Step Beyond Plasmonics Satoshi Kawata	Pancharatnam–Berry Phase in the Interference Pattern in Young's Experiment Ari T. Friberg	Three Avatars of Optical Phase Space and their Interplay R Simon	Calibration of Trap Stiffness and Viscoelasticity in Polymer Solution Martha Alvarez-Elizondo	Ultra-high Resolution Müller Matrix Polarimeter Microscopy Peter Torok	Highly Efficient Transmission Between 1-D Photonic Crystal Coupled Cavity Waveguides and Straight Waveguides Yuki Kawaguchi
845		Coherence Length of Photons Transmitted by a Subwavelength Aperture Viktor Palm		Parametric Resonance for the Nano- particles Interaction Gabriel Martinez Niconoff		Surface-Plasmon-Resonance Sensor Based on Suspended-Core Microstructured Optical Fiber Hanne Ludvigsen
900	Simultaneous Optical Manipulation and Confocal Imaging of Live Cells Using a Low Magnification, Low Numerical Aperture Objective Lens Gail McConnell	Experimental Studies of Self- collimation Beam Splitting Aaron Matthews	Temporal Ghost Interference with Classical Light Pulses Ari Friberg	Photoconductive Localized States Measurement in Photorefractive Materials Jaime Frejlich	Photoelasticity Using Digital Holography C S Narayanamurthy	(Invited) Engineering photonic crystal fibres for nonlinear optical endoscopy Min Gu
915	Symmetry-optimised Computational Modelling of Optical Torque on Complex Microstructures Vincent Loke	Fast Algorithm for Computing Fresnel Kinoform of 3D Object Employing Method of Separation of Variables Yong Li	Ultra-broadband Photon Pair Sources by Spontaneous Four Wave Mixing in Photonic Crystal Fibres Raul Rangel-Rojo	Recording Characteristics of Polarization Responsive Azobenzene Film for Optical Storage Daisuke Barada	Optimised Orthogonal State Contrast Image Michael Richert	
930	Observation of Nanoscale Laser Ablation in Endothelial Cells Nicholas Smith	Mie Scattering of Nonparaxial Gaussian-like Beams Miguel Alonso	Quantum Dynamics of Highly Squeezed Pulses in Optical Fibre Joel Corney	Characterization of Holographic Polarizer Beam-splitter Implemented in a Photopolymerizable Glass Oscar Martínez-Matos	New Optical Microscope for Invisible Physical Fields Visualisation Maxim Tomilin	(Invited) Fiber-top devices: micromachined sensors on the tip of a fiber Davide Iannuzzi
945	Immunosensor on the Basis of the Surface Plasmon Resonance for Diagnosis of Diseases of the Blood-vascular System Kateryna Kostyukevych	Study of Low-coherence Dynamic Light Scattering on Simultaneous Measurement of Scattering and Absorption Coefficients for Dense Media Katsuhiko Ishii		Interferometric Investigation of the Effect of Visible Light on Thin Photoactive Polymer Films Hatem El Ghandour	Improved Focusing and Imaging by Polarisation Control Colin Sheppard	



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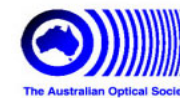


Preliminary Program

10.00am - 10.30am	Morning Tea (Bayside Gallery)	
10.30am - 12.00pm	<b>Poster Session 2</b> <b>Room: Bayside Gallery</b>	<b>WeJ: CLEO4 - Novel Materials &amp; Geometries</b> President: Hanne Ludvigsen <i>Room: Bayside Auditorium A</i>
1030		(Invited) Diamond Photonics Steve Praver
1045		
1100		Doped iron garnet materials for magnetic photonic crystals Mikhail Vasiliev
1115		Microfluidic Cavities in Silicon-Based Photonic Crystal Slab Waveguides Christian Karnutsch
1130		Laser induced generation of chalcogenide microspheres and their Characterisation Christian Grillet
1145		Photo-induced cavities in chalcogenide photonic crystals Michael Lee
1200		High-q Cavities in Multilayer Photonic Crystal Slabs Snjezana Tomljenovic-Hanic
12.00pm - 1.30pm	Lunch	



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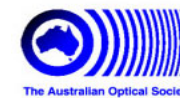


**Preliminary Program**

1.30pm - 3.00pm	Biomedical Optics & Biophotonics Room: 102	Physical Optics Room: 103	Quantum Optics & Quantum Information Room: 104	Optical Materials Room: 105	Optical Microscopy & Imaging Room: 106	WeO: OPDM2 - Devices For Optical Interconnects President: David Moss Room: Bayside Auditorium A
1330	Intensity-correlation Optical Coherence Tomography Ari T Friberg	Coherent Properties of Laser and Whitelight Speckled Beam C S Narayanamurthy	Ultrafast Lasers in Atomic Physics Dave Kielpinski	Artificial Opals for Photonic Crystal Devices Sara Ek	Phase Imaging Through Scattering Media Ann Roberts	(Invited) Convergence and Integration of Photonics Technology Platform- Enabling Drivers Sylvain Charbonneau
1345	Diagnosis of Bacteria in Human Urine using Autofluorescence Sandeep Menon Perinchery	Observation of Optical Azimuthons Dragomir Neshev		Fabrication of Microstructures Using Two-photon Photopolymerization Theodor Asavei	3D Imaging of Phase Objects From Diffraction Field Arun Anand	
1400	Holographic Multivergence Target Throws More Light on the Vision of Hyperopes Kodikullam Avudainayagam	Wigner Functions for Non-Paraxial Fields Miguel Alonso	A Scalable Photonic Interconnect for Quantum Computing Erik Streed	Luminescent Detonation Nanodiamond Bradley Smith	Phase Contrast Scanning Confocal Microscope Mary Jacqueline Romero	(Tutorial) Devices for Optical Interconnects to Chips David Miller
1415	New Method for Propagation of Light in Human Tissues Parham Sadooghi		Measuring the Fault-tolerance of an Experimental Optical Quantum Gate Till Weinhold	Highly Performing Setup for Self- Stabilized Recording of Fixed Gratings in Photorefractive Linbo3:Fe Crystals at High Temperature Under Vacuum Jaime Frejlich	Cardiomyocyte morphology and dynamics observed by quantitative polarised phase microscopy Nicoleta Dragomir	
1430	Photonic 2-D Flow Cytometer Nazario Bautista-Elivar		Quantum Enhancement of Time Transfer Between Remote Clocks Nicolas Treps	Optical Properties of RbCdF3:Mn2+ Grant Williams		
1445						



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**Preliminary Program**

<b>3.00pm - 3.30pm</b>	<b>Afternoon Tea (Bayside Gallery)</b>	
<b>3:30pm - 5:00pm</b>	<b>General Assembly 2</b> <i>Room: Room 103</i>	<b>WeT: CLEO5 - Localisation Of Light</b> President: Lindsay Botten <i>Room: Bayside Auditorium A</i>
<b>1530</b>		<b>Modelling time reversal experiments in the optical domain</b> Michael Steel
<b>1545</b>		<b>Optical Coherent Signal Transmission Through Surface Plasmon and Optical Near Field</b> Mitsuo Fukuda
<b>1600</b>		<b>Modes of composite defects in 2D photonic crystals</b> Kokou B. Dossou
<b>1615</b>		<b>The Role of Dimensionality and Dispersion for Defects in Photonic Crystals</b> Sahand Mahmoodian
<b>1630</b>		<b>Spatiotemporal light localization in infiltrated waveguide arrays</b> Dragomir Neshev
<b>1645</b>		<b>Nonlinear surface modes in annular waveguides</b> Xu Zhiyong
<b>7.00pm - 11.00pm</b>	<b>Congress Dinner</b> <b>Venue: Watersedge</b>	

Preliminary Program

Thursday 10th July 08						
8.00am - 4.30pm Registrations						
8.30am - 10.00am	Optical Instrumentation Room: 102	Lasers & Applications Room: 103	Quantum Optics & Quantum Information Room: 104	Photonic Crystals & Metamaterials Room: 105	Optical Microscopy & Imaging Room: 106	ThE: OFCD8 - Fiber Materials and Physics President: John Fini Room: Bayside Auditorium A
830	Interferometric Gravitational-wave Detectors: New Levels of Sensitivity in Optical Measurements Stanley Whitcomb	New Frontiers of Middle-infrared Lasers Based on Transition Metal Doped I-VI Semiconductors Sergey Mirov	Solid State Quantum Memory for Light Matthew Sellars	Planar nanostructured photonic meta-materials: From "Invisibility" and Optical "Superconductivity" to Lasing SPASER Nikolay Zheludev	Digital Holographic Phase Contrast Imaging System to Characterise Small Objects Arun Anand	(Invited) Breakthroughs in Nonlinear Optical Materials for Signal Processing Applications Barry Luther-Davies
845					Digital Holography Microscopy Using Image Correction Technique Kiyofumi Matsuda	
9:00	Advanced LIGO Pathfinder Metrology Jan Burke	Modeling and Optimization of High-power Operation of 2 Micron Co-doped Tm,Ho Solid-state Lasers Oleg Louchev	EPR Entanglement for Spatial Applications in Optics Jiri Janousek	Effective Optimization of Sub-wavelength Structured First-order Gratings in Resonance Domain Heikki J Hyvarinen	Photorefractive Holographic Microscopy Mikiya Muramatsu	All-Optical Signal Gating in Cascaded LPGs of Ag Nanoparticles Incorporated Germano-Silicate Optical Fiber Aoxiang Lin
915	Complex Optical Springs and Optical Cooling Conor Mow-Lowry	A Chirp-Controlled, Nanosecond-Pulsed Tunable Optical Parametric Oscillator and Ti:sapphire Amplifier System: Progress and Prospects for High-Resolution Spectroscopy Brian John Orr	Why the NV Centre in Diamond is Attractive for Quantum Information Applications Lachlan Rogers	Holographic Formation of Multiplexed Gratings in Photopolymer Composite with Nanoparticle at Nonlinear Interactions on Spatial Harmonics Sergey Sharangovich	Three-dimensional Imaging Based on 3D Fourier Spectrum Synthesis and its Biomedical Application Toyohiko Yatagai	Porous Fibre: A Novel THz Waveguide Shaghik Atakaramians
9:30	Ultra-sensitive Wavefront Measurement Using Hartmann Sensors Peter Veitch	A New Guide Star Laser Using Optimized Injection Mode-locking Jesper Munch	Coherent Control of Charge Transport Through Quantum Dot and Molecular Tunneling Junctions Boris Fainberg	Optical Properties of Nanosized Metamaterials Martinez B	Digital Colour Imaging for Spectral Discrimination in 2.5D Sensing Applications Tom McGregor	Magneto-optical effect in cobalt nanoparticle doped polymer optical material Helmut Yu
9:45	The Physics of High Optical Power Cavities Li Ju	Dual Wavelength Laser Dr Carlos Gerardo Treviño-Palacios		Transformations of Electromagnetic Fields: Analytical Description and Inverse Electromagnetic Cloaks Ilya Shadrivov		Molecular Electronics inside Optical Fibres Cicero Martelli
1000						Temperature sensitive polarization in holey optical fiber filled with metal Bok Hyeon Kim
1015						
10.00am - 10.30am Morning Tea (Bayside Gallery)						

Preliminary Program

10.30am - 12.00pm	Optical Instrumentation Room: 102	Lasers & Applications Room: 103	Non-Linear Optics Room: 104	Photonic Crystals & Metamaterials Room: 105	Optical Microscopy & Imaging Room: 106	
1030	Adaptive Optics in the Eye: Measuring, Understanding and Correcting Ocular Aberrations Eugenie Dalimier	Free Space Optical Communications in the Mid-IR Ken Grant	Tailoring Laser Sources to Improve Non-linear Microscopy G McConnell	Fundamental Limits to Optical Components David Miller	Wide Field Fourier Domain Spectral Encoded Characterisation of Microstructure Beyond the Diffraction Limit David Sampson	
1045		Synchronization of Two Bistable External-cavity Semiconductor Lasers Alexander Pisarchik				
1100	Digital Interferometry for Robust flexible Optical Metrology Daniel Shaddock	Simultaneous Upconversion Emissions in Er <sup>3+</sup> -ZBLAN Fibre Yahua Li	CW THz Wave Generation System Based on Pumping with Narrow Line-width Diode Lasers Ragam Srinivasa Rao	All-optical Slow Light sSwitching and Fano-Feshbach Resonances Miroshnichenko A		
1115	Optimization of the Phase Response of a Liquid-crystal-on- silicon Display by Means of Polar Decomposition of Mueller Matrices Vicente Durán	Spectral Tailoring of Broad Supercontinuum Generated with a Stretched-pulse Erbium Fibre Laser Qing Chao	Coherent Readout and Control of the Impedance Matching Condition in Resonant Optical Systems. David Rabeling	Fabrication of 2D Photonic Crystal Structures Using the Holographic Lithography and its Application on Green LEDs Mei-Li Hsieh	Studying Cardiovascular Dynamics in Early Mouse Embryos with Optical Coherence Tomography Irina Larina	
1130	Simultaneous Formation of Four Fringes by Using Polarization Quadrature Phase-shifting Interferometer with Polarization Prism and Diffraction Grating Tomohiro Kiire	Photorefractive-crystal Frequency Control of a Narrowband Pulsed Injection-seeded Optical Parametric Oscillator, Applied to High- resolution Atomic and Molecular Spectroscopy Brian John Orr and Yabai He	CW Sum-frequency Generation of Sodium Resonance Radiation using PPLN in a Single Pass Simakov N	Three-dimensional Photonic Crystal Fabrication in a Tm <sup>3+</sup> - Doped Lithium Niobate Crystal for Functional Photonic Devices Guangyong Zhou	Properties of Static Speckle in Optical Coherence Tomography Timothy Hillman	
1145	A Static Wavelength Scanning in a Tunable External Cavity Laser Diode Takamasa Suzuki	High-energy X-ray Laser at 21 nm for Applications Tomas Mocek	Control of Pattern Formation in a Single Feedback System by Photonic Lattices Nicolas Marsal	Low-Power All-optical Switching Based on Ag-Nanoparticle Doped Polymer Photonic Crystal Qihuang Gong	Fluorescence Digital Image Correlation Tuck Wah Ng	
1200	Measurement of the Absolute Optical Thickness Distribution of a Transparent Plate by a Phase- shifting, Wavelength Tuning Interferometry Yangjin Kim					
12.00pm - 1.30pm	Lunch					

Preliminary Program

1.30pm - 3.00pm	Optical Instrumentation Room: 102	Lasers & Applications Room: 103	Non-Linear Optics Room: 104	Photonic Crystals & Metamaterials Room: 105	Optical Information Storage & Processing Room: 104	ThJ: CLEO6 - Nonlinear Optics President: Andrey Sukhorukov Room: Bayside Auditorium A	
1330	Challenges in Subaperture Stitching for Spherical Surfaces Jan Burke	A New Approach to Fabricating Glass Photonics Graham Marshall	Control of the Formation of Near Infrared Photoinduced Waveguides in Photorefractive Semiconductors Delphine Wolfersberger	Integration of Photonic Crystals and Quantum Dots for Ultra-small All-optical Signal Processing Device Kiyoshi Asakawa	Multiple-wavelength Holographic Interferometry with Wavelength Shifts of Laser Diodes Yukihiro Ishii	(Tutorial) Supercontinuum generation and high field effects in optical fibers John Dudley	
1345	Stationary and Non-stationary Deformations in Three-Flat Tests Ulf Griesmann		Nonlinear Beam Self-focusing and Defocusing in the Absence of Linear Diffraction Ivan Garanovich				
1400	Alignment of a Segmented Spherical Mirror Using the Substructured Ronchi Test Fermin Granados	Ultrafast Photonic Hammer: A New Strategy to Synthesise Super-hard Materials Andrei Rode	Optical Spin Injection on Semiconductor Surfaces Bernardo Mendoza	Nonlinearity-induced Control of Microwave Metamaterials Ilya Shadrivov	High Capacity of Holographic Data Storage and Pattern Recognition Guofan Jin		
1415	Microscopic Static and Dynamic Profilometry by Talbot Self- imaging Fringe Projection Ramon Rodriguez-Vera	Femtosecond Anisotropic Nonlinear Absorption in Elongated Silver Nanoparticles in a Silica Matrix Raul Rangel-Rojo	Polarised Pulse Propagation in Highly Birefringent Photonic Crystal Fibre Brendan Chick	Optical Parametric Amplification, Quantum Control and Cavityless Oscillations in Doped Negative- index Materials Alexander Popov	Three-dimensional Optical Memory in Nanocrystal and Azo- dye Dispersed Polymers via Two- photon Energy Transfer Xiangping Li		
1430	Common Path Phase-shifting Interference Microscope Using a Wollaston Prism Kojiro Nagata	Holographic Fabrication of Microstructures via Two-photon Photopolymerization Vincent Ricardo Daria		The Effects of Metamaterials on Anderson Localization Ara Asatryan	Application of Chalcogenide Vitreous Semiconductors for Optical Storage Sergiy Kostyukevych		Modulation control and spectral shaping of supercontinuum generation in the picosecond regime Goëry Genty
1445	Digital Holography with Short- coherent Light for Three- dimensional Micro-surface Contouring Hongchen Zhai	Digital Image Processing for Characterisation of Laser Art and Cultural Heritage Conservation Deb Kane		Propagation of Surface Plasmons on Gold Metal Stripes Jacek Gosciniaik	Reversible Photomodification of LiNbO3 and LiTaO3 by Femtosecond Laser Pulses Andrei Rode		Picosecond supercontinuum generation with back seeding of different spectral parts Ole Bang
3.00pm - 3.30pm	Afternoon Tea (Bayside Gallery)						

Preliminary Program

3.30pm - 5.00pm	Optical Instrumentation Room: 102	Lasers & Applications Room: 103		Photonic Crystals & Metamaterials Room: 105	Optical Information Storage & Processing Room: 106	ThO: CLEO7 - Nonlinear Optics II President: Mike Steel Room: Bayside Auditorium A
1530	Using a Spectroscopic Frequency Reference for Quasi-static Fiber Strain Sensing Jong Chow	Self-pulsating and Chaotic Dynamics in VCSELs With Orthogonal Optical Injection Marc Sciamanna		Metamaterial Bragg Fibers Pedro Andres	Dynamic Speckle Signals as a Key Code for Object Identification Takashi Okamoto	(Invited) All-optical switching ... H Nguyen
1545	Stabilization of the Spectral Intensity of a Laser Diode in the Dual Color Mode Takamasa Suzuki	Scattering, Symmetry, and Small Machines Timo Nieminen			Geometric Phase Accumulation in First-order Optical Systems Tatiana Alieva	
1600	Developments of Low Frequency Squeezed State Technology for the Enhancement of Laser Interferometer Type Gravitational Wave Detectors Sheon Chua	Space-and-time Current Spectroscopy of Polypyrrole Nanostructures in Chrysotile Asbestos Matrix Igor Sokolov		LiNbO3 thin-film Waveguides Grown by Liquid Phase Epitaxy Yi Lu	Confocal Polarization Interference Microscopy for High Dense Optical Data Storage Using Nano Spheres Tanaka Hironori	Nonlinear, discrete-continuous propagation of ultrashort pulses in 2-dimensional, periodic fibre arrays Falk Eilenberger
1615	Wavelength-scanning Interferometry Using Backpropagation of Optical Fields for Shape Measurement of Thin Plate Osami Sasaki	Precise and Accurate Computational Modelling of Forces and Physics in Optical Tweezers Alex Stilgoe		Role of Aperture Geometry in Enhanced Transmission Marko Milicevic	Volume Holographic Multi-channel Correlator using Photopolymer Cube Shiuan Huei Lin	Harmonic Extension Dynamics of Supercontinuum Generation in Highly Nonlinear Silica Nanowires John Dudley
1630	Comparing Wavefront Correction Ability of Deformable Mirrors Eugenie Dalimier	Numerical Study of Attractor Annihilation in a Multistable Fiber Laser Rider Jaimes-Reategui		Use of Supercontinuum Illumination for Spatially Localised Spectral Characterisation of a Three-dimensional Woodpile Photonic Crystal Baohua Jia	Holographic Optical Elements in Photopolymerizable Glass with High Refractive Index Modulation: Emerging Implementations Maria L. Calvo	Optical rogue wave dynamics in supercontinuum generation Goëry Genty
1645	Fiber-optic System for Magnetic Field Change Registration Nataliya Kundikova	Restoration of Heritage Objects: Removal of Paint With High-repetition-rate Ultrafast Laser Andrei Rode		Synthesis of Partially Coherent Surface Plasmon Beams Noemi Abundiz Cisneros		Compression limits in cascaded quadratic soliton compressors Morten Bache
5.00pm - 6.30pm	Closing Ceremony Room: Bayside Auditorium A					

\* Preliminary Program subject to change