

## CLEO/Europe-EQEC 2019 AGENDA OF ORAL SESSIONS

SESSION #	CLEO/Europe-EQEC 2019 SESSION TITLE	DAY	FROM	TO	LOCATION
EB-1	Quantum interfaces	Sunday	10:30	12:00	ROOM 1 ICM
CJ-1	Short-wavelengths thulium-doped fiber lasers	Sunday	10:30	12:00	ROOM 3 ICM
CA-1	Laser beam control	Sunday	10:30	12:00	ROOM 13a ICM
CD-1	Solitons	Sunday	10:30	12:00	ROOM 13b ICM
CK-1	Light management	Sunday	10:30	12:00	ROOM 14a ICM
CM-1	Beam shaping for laser processing	Sunday	10:30	12:00	ROOM 14b ICM
EE-1	New principles of ultrafast spectroscopy	Sunday	10:30	12:00	ROOM 14c ICM
JSV-1	Atom interferometry and quantum optics	Sunday	10:30	12:00	ROOM 21 ICM
CH-1	Optical fibre sensors	Sunday	10:30	12:00	ROOM 1 Hall A1
CF-1	High-power oscillators	Sunday	10:30	12:00	ROOM 2 Hall A1
CI-1	Probabilistic shaping and NFT-based transmission	Sunday	10:30	12:00	ROOM 6 Hall A1
CE-1	Opportunities for advanced nanostructured and non-linear optical materials	Sunday	10:30	12:00	ROOM 7 Hall A1
EB-2	Integrated and engineered photonics	Sunday	14:00	15:30	ROOM 1 ICM
CJ-2	Fiber lasers characterisation and components	Sunday	14:00	15:30	ROOM 3 ICM
JSII-1	Raman spectroscopy I	Sunday	14:00	15:30	ROOM 4a ICM
JSIV-1	Nanoscale heat transfer background	Sunday	14:00	15:30	ROOM 4b ICM
CA-2	Laser facilities	Sunday	14:00	15:30	ROOM 13a ICM
CD-2	Nonlinear spectroscopy	Sunday	14:00	15:30	ROOM 13b ICM
CK-2	Light coupling	Sunday	14:00	15:30	ROOM 14a ICM
CM-2	Silicon structuring by ultrafast lasers	Sunday	14:00	15:30	ROOM 14b ICM
EE-2	Ultrafast phenomena in 2D materials and on surfaces	Sunday	14:00	15:30	ROOM 14c ICM
JSV-2	Magnetometry and biological imaging	Sunday	14:00	15:30	ROOM 21 ICM
CH-2	LIDAR systems	Sunday	14:00	15:30	ROOM 1 Hall A1
CF-2	New developments for ultrafast oscillators	Sunday	14:00	15:30	ROOM 2 Hall A1
CI-2	Advanced high capacity fiber systems	Sunday	14:00	15:30	ROOM 6 Hall A1
CE-2	Infrared material fibres glasses and applications	Sunday	14:00	15:30	ROOM 7 Hall A1
JSI-1	Photonic platforms for reservoir computing	Sunday	14:00	15:30	ROOM 8 Hall A1
EB-3	Quantum communication and applications	Sunday	16:00	17:30	ROOM 1 ICM
CJ-3	Hollow-core fibers and systems	Sunday	16:00	17:30	ROOM 3 ICM

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JSII-2	Raman spectroscopy II	Sunday	16:00	17:30	ROOM 4a ICM
JSIV-2	Nanodevices controlled by heat manipulation	Sunday	16:00	17:30	ROOM 4b ICM
CA-3	Waveguide lasers	Sunday	16:00	17:30	ROOM 13a ICM
CD-3	Tunable light sources	Sunday	16:00	17:30	ROOM 13b ICM
CK-3	Active devices	Sunday	16:00	17:30	ROOM 14a ICM
CM-3	Advanced functionalization of materials	Sunday	16:00	17:30	ROOM 14b ICM
JSV-3	Optomechanics and atomic clocks	Sunday	16:00	17:30	ROOM 21 ICM
CH-3	Photoacoustic sensors	Sunday	16:00	17:30	ROOM 1 Hall A1
CF-3	Fiber lasers	Sunday	16:00	17:30	ROOM 2 Hall A1
CI-3	Components and systems for metro and short range networks	Sunday	16:00	17:30	ROOM 6 Hall A1
CE-3	Neuro-inspired computing and random photonics	Sunday	16:00	17:30	ROOM 7 Hall A1
JSI-2	Neuromorphic processing for optical communications	Sunday	16:00	17:30	ROOM 8 Hall A1
<b>YM</b>	<b>Career event: Options after your PhD</b>	<b>Sunday</b>	<b>16:00</b>	<b>17:30</b>	<b>ROOM B11 Hall B1</b>
EB-4	Quantum information processing	Sunday	18:00	19:30	ROOM 1 ICM
CJ-4	Large-mode-area-fiber-based laser systems	Sunday	18:00	19:30	ROOM 3 ICM
JSIV-3	Nanoscale heat processes in plasmonic nanostructures	Sunday	18:00	19:30	ROOM 4b ICM
JS ECBO- CLEO/Europe	Joint session ECBO-CLEO/Europe	Sunday	18:00	19:00	ROOM 5 ICM
CA-4	Visible and UV lasers	Sunday	18:00	19:30	ROOM 13a ICM
CD-4	Nonlinear imaging	Sunday	18:00	19:30	ROOM 13b ICM
CB-1	Semiconductor micro-lasers: Novel technology concepts	Sunday	18:00	19:30	ROOM 14a ICM
CM-4	Femtosecond laser writing of integrated photonic devices	Sunday	18:00	19:30	ROOM 14b ICM
CH-4	Integrated sensors I	Sunday	18:00	19:30	ROOM 1 Hall A1
CF-4	Solitons and self-compression	Sunday	18:00	19:30	ROOM 2 Hall A1
CI-4	Integrated technologies for data networks	Sunday	18:00	19:30	ROOM 6 Hall A1
CE-4	Multiferroics and non-linear optics and photonics	Sunday	18:00	19:30	ROOM 7 Hall A1
JSI-3	Neuromorphic photonic platforms	Sunday	18:00	19:30	ROOM 8 Hall A1
<b>PL-1</b>	<b>2019 CLEO/Europe Plenary Talk</b>	<b>Monday</b>	<b>08:30</b>	<b>09:30</b>	<b>ROOM 1 ICM</b>
<b>PL-2</b>	<b>2019 WoP Congress Opening and Plenary Talk</b>	<b>Monday</b>	<b>09:40</b>	<b>11:00</b>	<b>ROOM 1 ICM</b>
CJ-5	Mid-IR laser sources and components	Monday	11:15	12:45	ROOM 1 ICM
JS SPIE-OM- EQEC	Computational photonics for metrology application	Monday	11:15	12:45	ROOM 2 ICM

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EB-5	Quantum state engineering	Monday	11:15	12:45	ROOM 3 ICM
EE-3	Ultrafast control by light	Monday	11:15	12:45	ROOM 4a ICM
CK-4	Photonic integration	Monday	11:15	12:45	ROOM 4b ICM
CA-5	Thin disk lasers	Monday	11:15	12:45	ROOM 13a ICM
EH-1	Engineering nontrivial light fields	Monday	11:15	12:45	ROOM 14a ICM
CM-5	Laser nanostructuring of transparent materials for advanced devices	Monday	11:15	12:45	ROOM 14b ICM
CL-1	Clinical applications	Monday	11:15	12:45	ROOM Osterseen ICM
CH-5	Integrated sensors II	Monday	11:15	12:45	ROOM 1 Hall A1
CF-5	Techniques for wavelength conversion of ultrashort pulses	Monday	11:15	12:45	ROOM 2 Hall A1
CE-5	Novel light confinement waveguides technologies	Monday	11:15	12:45	ROOM 3 Hall A1
CJ-6	Waveguide lasers	Monday	14:15	15:45	ROOM 1 ICM
EA-1	Quantum effects	Monday	14:15	15:45	ROOM 4a ICM
CK-5	Microresonators	Monday	14:15	15:45	ROOM 4b ICM
CA-6	2 $\mu\text{m}$ lasers	Monday	14:15	15:45	ROOM 13a ICM
CB-2	Semiconductor micro-lasers: Novel dynamics	Monday	14:15	15:45	ROOM 13b ICM
EH-2	Metasurfaces-polarimetry, chirality and photon spin	Monday	14:15	15:45	ROOM 14a ICM
CM-6	3D laser additive micromanufacturing	Monday	14:15	15:45	ROOM 14b ICM
CL-2	Nano-optics, light field control and sensing	Monday	14:15	15:45	ROOM Osterseen ICM
CH-6	Fibre bio- and medical sensors	Monday	14:15	15:45	ROOM 1 Hall A1
CF-6	Characterisation of ultrashort laser pulses	Monday	14:15	15:45	ROOM 2 Hall A1
CE-6	Metamaterials and functional photonic bandgap systems	Monday	14:15	15:45	ROOM 3 Hall A1
CJ-7	Mode-locked fiber lasers and nonlinear amplifiers	Monday	16:15	17:45	ROOM 1 ICM
EA-2	Coherent atom-light interaction	Monday	16:15	17:45	ROOM 4a ICM
CK-6	From nano to quantum sensing	Monday	16:15	17:45	ROOM 4b ICM
CA-7	Novel laser concepts	Monday	16:15	17:45	ROOM 13a ICM
CB-3	Integrated semiconductor lasers and amplifiers	Monday	16:15	17:45	ROOM 13b ICM
EI-1	Optics of graphene and related 2D materials	Monday	16:15	17:45	ROOM 14a ICM
CM-7	New trends on laser ablation	Monday	16:15	17:45	ROOM 14b ICM
CL-3	Novel lasers, instruments and technology	Monday	16:15	17:45	ROOM Osterseen ICM
CH-7	Microstructured fibre sensors	Monday	16:15	17:45	ROOM 1 Hall A1
CF-7	Ultrabroadband laser sources	Monday	16:15	17:45	ROOM 2 Hall A1

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CE-7	Advances in optical fibre configurations and materials	Monday	16:15	17:45	ROOM 3 Hall A1
<b>PL-3</b>	<b>Nobel Prize Plenary Talk</b>	<b>Monday</b>	<b>18:00</b>	<b>19:00</b>	<b>ROOM 1 ICM</b>
CJ-8	Nonlinear frequency conversion and 2 $\mu\text{m}$ fiber lasers	Tuesday	08:30	10:00	ROOM 1 ICM
EA-3	Quantum optomechanics	Tuesday	08:30	10:00	ROOM 4a ICM
EI-2	Exciton/polariton physics in 2D materials	Tuesday	08:30	10:00	ROOM 4b ICM
CB-4	Superluminescent diodes and semiconductor optical amplifiers	Tuesday	08:30	10:00	ROOM 13a ICM
CA-8	Ytterbium doped laser materials	Tuesday	08:30	10:00	ROOM 13b ICM
CK-7	Metasurface	Tuesday	08:30	10:00	ROOM 14a ICM
CL-4	Chip-based methods and cellular sensing	Tuesday	08:30	10:00	ROOM Osterseen ICM
CH-8	Nanostructured sensors	Tuesday	08:30	10:00	ROOM 1 Hall A1
CF-8	Generation and characterisation of ultraviolet pulses	Tuesday	08:30	10:00	ROOM 2 Hall A1
CE-8	High performance bragg gratings and mirrors	Tuesday	08:30	10:00	ROOM 3 Hall A1
<b>PL-4</b>	<b>2019 EQEC Plenary Talk and Award Ceremony</b>	<b>Tuesday</b>	<b>10:30</b>	<b>12:30</b>	<b>ROOM 1 ICM</b>
EA-4	Quantum control	Tuesday	14:00	15:30	ROOM 1 ICM
CI-5	Phase and spectrum manipulation for photonic devices	Tuesday	14:00	15:30	ROOM 4a ICM
EE-4	Interaction between ultrafast sources and matter	Tuesday	14:00	15:30	ROOM 4b ICM
CB-5	High-power semiconductor lasers	Tuesday	14:00	15:30	ROOM 13a ICM
CD-5	Nonlinear nano materials	Tuesday	14:00	15:30	ROOM 13b ICM
EF-1	Nonlinear nano-optics and plasmonics	Tuesday	14:00	15:30	ROOM 14a ICM
CK-8	Novel nano and micro fabrication techniques	Tuesday	14:00	15:30	ROOM 14b ICM
CL-5	Label-free imaging and sensing	Tuesday	14:00	15:30	ROOM Osterseen ICM
ED-1	Frequency metrology and transfer	Tuesday	14:00	15:30	ROOM 1 Hall A1
CG-1	Strong-field and high-power sources and interactions	Tuesday	14:00	15:30	ROOM 2 Hall A1
CC-1	THz time-domain spectroscopy	Tuesday	14:00	15:30	ROOM 3 Hall A1
CJ-9	Multimode nonlinear fiber optics	Tuesday	16:00	17:30	ROOM 1 ICM
EA-5	Long-range interactions	Tuesday	16:00	17:30	ROOM 4a ICM
EE-5	Ultrafast processes in fibers	Tuesday	16:00	17:30	ROOM 4b ICM
CB-6	Long wavelength semiconductor lasers	Tuesday	16:00	17:30	ROOM 13a ICM
CD-6	Micro-resonators	Tuesday	16:00	17:30	ROOM 13b ICM
EF-2	Mode locking and spatio-temporal localization	Tuesday	16:00	17:30	ROOM 14a ICM
CK-9	Frequency combs	Tuesday	16:00	17:30	ROOM 14b ICM
ED-2	Precision spectroscopy	Tuesday	16:00	17:30	ROOM 1 Hall A1

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CG-2	Strong-field processes in atoms and molecules	Tuesday	16:00	17:30	ROOM 2 Hall A1
CC-2	THz QCL-broadband operation and modelling	Tuesday	16:00	17:30	ROOM 3 Hall A1
ED-3	Direct comb spectroscopy I	Wednesday	08:30	10:00	ROOM 4a ICM
EI-3	Optical spectroscopy of 2D materials	Wednesday	08:30	10:00	ROOM 4b ICM
CB-7	Wavelength control of QCLs	Wednesday	08:30	10:00	ROOM 13a ICM
CK-10	Plasmonics and antennas	Wednesday	08:30	10:00	ROOM 13b ICM
EF-3	Photon fluids and Hawking-like effect	Wednesday	08:30	10:00	ROOM 14a ICM
CM-8	Microfluidics and novel applications of laser micromachining	Wednesday	08:30	10:00	ROOM 14b ICM
EA-6	Integrated quantum photonics	Wednesday	08:30	10:00	ROOM 1 Hall A1
CG-3	Twisted light fields	Wednesday	08:30	10:00	ROOM 2 Hall A1
CC-3	THz QCL and THz imaging	Wednesday	08:30	10:00	ROOM 3 Hall A1
ED-4	Direct comb spectroscopy II	Wednesday	10:30	12:00	ROOM 4a ICM
EI-4	Hot electrons and nonlinear dynamics in 2D materials	Wednesday	10:30	12:00	ROOM 4b ICM
CA-9	Laser amplifier systems	Wednesday	10:30	12:00	ROOM 13a ICM
CK-11	Novel materials and their characterisation	Wednesday	10:30	12:00	ROOM 13b ICM
EF-4	Nonlinear integrated photonics	Wednesday	10:30	12:00	ROOM 14a ICM
CH-9	Microscopy I	Wednesday	10:30	12:00	ROOM 14b ICM
EJ-1	Theoretical and computational photonics methods	Wednesday	10:30	12:00	ROOM Osterseen ICM
EA-7	Nanoclassical light	Wednesday	10:30	12:00	ROOM 1 Hall A1
CG-4	Attosecond dynamics in bulk solids	Wednesday	10:30	12:00	ROOM 2 Hall A1
CC-4	THz quantum optics and spintronics	Wednesday	10:30	12:00	ROOM 3 Hall A1
CJ-10	Ultrafast 2 $\mu$ m fiber laser systems	Wednesday	14:00	15:30	ROOM 1 ICM
EH-3	Plasmonics and metamaterials with 2D-materials	Wednesday	14:00	15:30	ROOM 4a ICM
EF-5	Modulation instabilities and recurrence phenomena	Wednesday	14:00	15:30	ROOM 4b ICM
CA-10	Mid-infrared lasers	Wednesday	14:00	15:30	ROOM 13a ICM
CD-7	Micro-comb-resonators	Wednesday	14:00	15:30	ROOM 13b ICM
EG-1	Engineering of complex electromagnetic fields	Wednesday	14:00	15:30	ROOM 14a ICM
EA/EB-1	Quantum memories I	Wednesday	14:00	15:30	ROOM 14b ICM
EJ-2	Computational quantum optics, plasmonics and metamaterials	Wednesday	14:00	15:30	ROOM Osterseen ICM
ED-5	Frequency combs: Sources and characterization I	Wednesday	14:00	15:30	ROOM 1 Hall A1
CG-5	Ultrafast dynamics in molecules	Wednesday	14:00	15:30	ROOM 2 Hall A1
CE-9	Rare earth, polymers, ceramics, fibres and beyond	Wednesday	14:00	15:15	ROOM 3 Hall A1

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JSVI-1	50 Years of integrated optics I	Wednesday	16:00	17:30	ROOM 1 ICM
EH-4	Metasurfaces and metadevices	Wednesday	16:00	17:30	ROOM 4a ICM
EF-6	Soliton molecules	Wednesday	16:00	17:30	ROOM 4b ICM
CA-11	Nonlinear frequency conversion	Wednesday	16:00	17:30	ROOM 13a ICM
CD-8	Spatio-temporal manipulation of light	Wednesday	16:00	17:30	ROOM 13b ICM
EG-2	Ultrafast and strong field nano-optics	Wednesday	16:00	17:30	ROOM 14a ICM
EA/EB-2	Quantum memories II	Wednesday	16:00	17:30	ROOM 14b ICM
EJ-3	Application-driven computational photonics modeling	Wednesday	16:00	17:30	ROOM Osterseen ICM
ED-6	Frequency combs: Sources and characterization II	Wednesday	16:00	17:30	ROOM 1 Hall A1
CG-6	Interferometry and imaging	Wednesday	16:00	17:30	ROOM 2 Hall A1
CE-10	Advanced layered materials for photonics	Wednesday	16:00	17:30	ROOM 3 Hall A1
PD-1	Postdeadline 1	Wednesday	19:00	20:30	ROOM 13a ICM
PD-2	Postdeadline 2	Wednesday	19:00	20:30	ROOM 13b ICM
CJ-11	Spatiotemporal effects in multimode fiber lasers	Thursday	08:30	10:00	ROOM 1 ICM
JSIII-1	Light management for photovoltaics	Thursday	08:30	10:00	ROOM 4a ICM
EF-7	Quantum and random systems	Thursday	08:30	10:00	ROOM 4b ICM
JSVI-2	50 Years of integrated optics II	Thursday	08:30	10:00	ROOM 5 ICM
CB-8	Short pulse generation from semiconductor lasers	Thursday	08:30	10:00	ROOM 13a ICM
EC-1	Novel systems for topological photonics I	Thursday	08:30	10:00	ROOM 13b ICM
EG-3	Nanoscale imaging and spectroscopy	Thursday	08:30	10:00	ROOM 14a ICM
CH-10	Microscopy II	Thursday	08:30	10:00	ROOM 14b ICM
CD-9	Spectral broadening	Thursday	08:30	10:00	ROOM Osterseen ICM
CC-5	THz applications	Thursday	08:30	10:00	ROOM 1 Hall A1
CF-9	Generation of few-cycle pulses	Thursday	08:30	10:00	ROOM 2 Hall A1
CE-11	Micro resonators and diffractive optics	Thursday	08:30	10:00	ROOM 3 Hall A1
CJ-12	Single frequency and tunable lasers	Thursday	10:30	12:00	ROOM 1 ICM
JSIII-2	Thermo-photonics, materials and energy efficiency	Thursday	10:30	12:00	ROOM 4a ICM
EF-8	Solitons in microcavities	Thursday	10:30	12:00	ROOM 4b ICM
EB-6	Quantum state characterization and foundation	Thursday	10:30	12:00	ROOM 5 ICM
CB-9	Optical frequency combs in semiconductor lasers	Thursday	10:30	12:00	ROOM 13a ICM
EC-2	Novel systems for topological photonics II	Thursday	10:30	12:00	ROOM 13b ICM
EG-4	Nonlinear nano-optics	Thursday	10:30	12:00	ROOM 14a ICM

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CH-11	Infrared gas sensing	Thursday	10:30	12:00	ROOM 14b ICM
CD-10	Novel approaches in nonlinear optics	Thursday	10:30	12:00	ROOM Osterseen ICM
CC-6	High power THz pulse generation	Thursday	10:30	12:00	ROOM 1 Hall A1
CF-10	Methods for CEP-stable sources	Thursday	10:30	12:00	ROOM 2 Hall A1
CG-7	Generation and applications of attosecond pulses	Thursday	10:30	12:00	ROOM 3 Hall A1
CJ-13	Raman and NIR fiber lasers	Thursday	14:00	15:30	ROOM 1 ICM
EH-5	Nonlinear metasurfaces and plasmonics	Thursday	14:00	15:30	ROOM 4a ICM
EC-3	Lasing and driven dissipative topological systems	Thursday	14:00	15:30	ROOM 4b ICM
EB-7	Colour centres and novel sources	Thursday	14:00	15:30	ROOM 5 ICM
CB-10	Semiconductor laser dynamics	Thursday	14:00	15:30	ROOM 13a ICM
CD-11	Nonlinear application at extreme wavelengths	Thursday	14:00	15:30	ROOM 13b ICM
EG-5	Emission control at the nanoscale	Thursday	14:00	15:30	ROOM 14a ICM
CH-12	Spectroscopic sensing	Thursday	14:00	15:30	ROOM 14b ICM
EF-9	Solitons and their applications	Thursday	14:00	15:30	ROOM Osterseen ICM
CC-7	CW THz systems and spectroscopy	Thursday	14:00	15:30	ROOM 1 Hall A1
CF-11	XUV generation and characterisation	Thursday	14:00	15:30	ROOM 2 Hall A1
CG-8	Harmonic generation and spectroscopy	Thursday	14:00	15:30	ROOM 3 Hall A1
CJ-14	Coherent beam combining and multi-core fibers	Thursday	16:00	17:30	ROOM 1 ICM
EH-6	Plasmonic enhancement of light-matter interactions	Thursday	16:00	17:30	ROOM 4a ICM
EC-4	Nonlinear and quantum aspects in topological photonics	Thursday	16:00	17:30	ROOM 4b ICM
EB-8	Quantum networks	Thursday	16:00	17:30	ROOM 5 ICM
CB-11	Vertical cavity semiconductor lasers	Thursday	16:00	17:30	ROOM 13a ICM
CD-12	Quantum and information technologies	Thursday	16:00	17:30	ROOM 13b ICM
EG-6	Coupling at the nanoscale	Thursday	16:00	17:30	ROOM 14a ICM
CH-13	Time-resolved sensing	Thursday	16:00	17:30	ROOM 14b ICM
EF-10	Frequency conversion and localized structures	Thursday	16:00	17:30	ROOM Osterseen ICM
CC-8	High power THz sources and application	Thursday	16:00	17:30	ROOM 1 Hall A1
CF-12	New techniques for ultrafast spectroscopy and imaging	Thursday	16:00	17:30	ROOM 2 Hall A1
CG-9	Photoemission spectroscopy and sources	Thursday	16:00	17:15	ROOM 3 Hall A1