

Personalized Itinerary Planner

CLEO 2017
May 14 - 19, 2017

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Sunday, May 14, 2017

You have nothing scheduled for this day

Monday, May 15, 2017

Time	Session or Event Info
8:00 AM-10:00 AM, 210F (Convention Center), FM1F. Optomechanics and Plasmonics , FS Oral, FS 5: Nonlinear Optics and Novel Phenomena , Presider: Mercedeh Khajavikhan, mercedeh@creol.ucf.edu, University of Central Florida, CREOL	
9:15-9:30 AM (Conflict)	FM1F.6. Impact of Landau Damping on Field Enhancement in Plasmonic Dimers J. Khurgin; W. Tsai; D.P. Tsai; Y. Ding; <u>G. Sun</u>
8:00 AM-10:00 AM, Salon V & VI (Marriott), SM10. RF Photonics , S&I Oral, S&I 9: Photonic Integration , Presider: Jian Wang, jwang@mail.hust.edu.cn, Huazhong Univ of Science and Technology	
9:15-9:30 AM (Conflict)	SM10.6. Silicon microring weight banks for multivariate RF photonics <u>A. Tait</u> ; T. Ferreira de Lima; E. Zhou; A.X. Wu; M. Chang; M.A. Nahmias; B.J. Shastri; P.R. Prucnal
10:30 AM-12:30 PM, 210A (Convention Center), AM2A. A&T Topical Review on Advances in Laser-based Remote Sensing II , A&T Topical Review, A&T Topical Review on Advances in Laser-based Remote Sensing , Presider: Fabio Di Teodoro, Fabio.Di.Teodoro@raytheon.com, Raytheon	
11:30-11:45 AM	AM2A.3. Cavity attenuated phase shift Faraday rotation spectroscopy <u>C.L. Patrick</u> ; J. Westberg; G. Wysocki
1:30 PM-3:30 PM, 210B (Convention Center), AM3B. Greenhouse Gas Sensing , A&T Oral, A&T 4: Laser & Photonics Applications for Energy & Environment , Presider: Mark Zondlo, mzondlo@princeton.edu, Princeton University	
2:00-2:15 PM	AM3B.2. Fiber-Pigtailed Silicon Photonic Sensors for Methane Leak Detection <u>C. Teng</u> ; C. Xiong; E. Zhang; Y. Martin; M. Khater; J. Orcutt; W. Green; G. Wysocki
2:15-2:30 PM	AM3B.3. Open-Path C₂H₆ Sensor for Fast, Low-Power, Measurement of Natural Gas Emissions <u>L. Golston</u> ; D. Caulton; J. McSpirtt; B. Buchholz; D. Pan; M.A. Zondlo
4:00 PM-6:00 PM, 210D (Convention Center), SM4D. Nanophotonics, Waveguides, and Microresonators in Sensing , S&I Oral, S&I 13: Active Optical Sensing , Presider: Aleksandra Foltynowicz, aleksandra.foltynowicz@physics.umu.se, Umea University	
5:15-5:30 PM	SM4D.5. Near-Infrared Waveguide-Enhanced Raman Spectroscopy of Trace Gases <u>T.H. Stievater</u> ; K. Koo; N. Tyndall; D. Kozak; S. Holmstrom; R. McGill; M.W. Pruessner; W. Rabinovich; J. Khurgin

Tuesday, May 16, 2017

Time	Session or Event Info
1:30 PM-2:30 PM, 210B (Convention Center), ATu3B. A&T Topical Review on Neurophotonics II , A&T Topical Review, A&T Topical Review on Neurophotonics , Presider: Chris Xu, cx10@cornell.edu	
1:45-2:00 PM	ATu3B.2. Assessment of Lexiscan for Blood Brain Barrier disruption to facilitate Fluorescence brain imaging <u>R.W. Pak</u> ; H. Le; H. Valentine; D. Thorek; A. Rahmim; D. Wong; J.U. Kang
4:00 PM-6:00 PM, 210A (Convention Center), ATu4A. Spectroscopic Sensing , A&T Oral, A&T 1: Biomedical Applications , Presider: Ilko Ilev, ilko.ilev@fda.hhs.gov, U.S. Food and Drug Administration	
4:00-4:15 PM	ATu4A.1. Noninvasive Glucose Measurements in Skin using Mid-IR Quantum Cascade Laser Spectroscopy <u>A. Werth</u> ; G. Schultheis; A. Dong; S. Liakat; C. Gmachl
6:00 PM-8:00 PM, Exhibit Hall (Poster Session Area) (Convention Center), JTu5A. Tuesday Posters Session , A&T, S&I, FS Joint Poster	
6:00 PM-8:00 PM	JTu5A.3. Ex vivo study of diffusion of indocyanine green (ICG) in cow retinal layers using optical coherence tomography <u>C. Lee</u> ; S. Lee; J. Chae; G. Cheon; B. Gonenc; P. Gehlbach; J.U. Kang

Wednesday, May 17, 2017

Time	Session or Event Info
8:00 AM-10:00 AM, 210A (Convention Center), AW1A. Medical Devices and Systems , A&T Oral, A&T 1: Biomedical Applications , Presider: Xuan Liu, xliu@njit.edu, New Jersey Institute of Technology	
9:15-9:30 AM	AW1A.4. A demonstration of structured-illumination-based technique using commercial surgical endoscope <u>H.N. Le</u> ; H. Nguyen; Z. Wang; J.U. Kang
8:00 AM-10:00 AM, 210C (Convention Center), SW1C. Nanolasers and Frequency Combs , S&I Oral, S&I 3: Semiconductor Lasers , Presider: Lan Fu, lan.fu@anu.edu.au, Australian National University	
9:30-9:45 AM	SW1C.6. Time domain analysis of self-frequency modulated combs in quantum cascade lasers <u>N.C. Henry</u> ; J. Khurgin
10:00 AM-12:00 PM, Exhibit Hall (Poster Session Area) (Convention Center), JW2A. Wednesday Posters Session , A&T, S&I, FS Joint Poster	

10:00 AM-12:00 PM	JW2A.80. Computational Adaptive Sampling for Multiheterodyne Spectroscopy L.A. Sterczewski ; J. Westberg; L. Patrick; G. Wysocki
10:00 AM-12:00 PM	JW2A.85. All-fiber QEPAS Sensor and Its Application for Spatially Resolved Trace Gas Detection Y. Ma ; Y. He; X. Yu; R. Sun; F. Tittel
3:30 PM-5:15 PM, 210A (Convention Center), AW4A. Biomedical Imaging I, A&T Oral, A&T 1: Biomedical Applications , Presider: Jin Kang, jkang@jhu.edu , Johns Hopkins University	
4:45-5:00 PM	AW4A.4. Evaluation of Optical Coherence Tomography Distal Sensor with High-index Elliptical Cone Epoxy Lens S. Lee ; C. Lee ; J. Chae; G. Cheon; B. Gonenc; P. Gehlbach; J.U. Kang
3:30 PM-5:30 PM, 210D (Convention Center), FW4D. Nonlinear Optical Sources, FS Oral, FS 5: Nonlinear Optics and Novel Phenomena , Presider: Govind Agrawal, gpa@optics.rochester.edu , University of Rochester	
3:30-4:00 PM	FW4D.1. Harmonically Mode-Locked Quantum Cascade Lasers for Mid-Infrared Frequency Comb Generation M. Piccardo ; D. Kazakov; P. Chevalier; T. Mansuripur; F. Xie; K. Lascola; C. Zah; A. Belyanin; F. Capasso
3:30 PM-5:30 PM, Salon I & II (Marriott), SW4L. Standoff and Remote Sensing, S&I Oral, S&I 13: Active Optical Sensing , Presider: Adam Fleisher, adam.fleisher@nist.gov , National Inst of Standards & Technology	
5:15-5:30 PM	SW4L.5. Heterodyne Efficiency in Chirped Laser Dispersion Spectroscopy Y. Chen ; G. Plant; G. Wysocki

Thursday, May 18, 2017

Time	Session or Event Info
8:00 AM-10:00 AM, 210B (Convention Center), ATh1B. Active Remote Environmental Sensing, A&T Oral, A&T 4: Laser & Photonics Applications for Energy & Environment	
9:30-10:00 AM	ATh1B.6. Chirped-laser Dispersion Spectroscopy for Large-area Methane Detection G. Wysocki
4:30 PM-6:30 PM, 210H (Convention Center), FTh4H. Optical and Thermal Superresolution Imaging and Nanofocusing, FS Oral, FS 6: Nano-Optics and Plasmonics , Presider: Esther Wertz, wertze@rpi.edu , Rensselaer Polytechnic Institute	
6:00-6:15 PM	FTh4H.6. Imaging with multilayer hyperbolic metamaterials – what are the limits? T. LI ; V. Nagal; D. Gracias; J. Khurgin

Friday, May 19, 2017

Time	Session or Event Info
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8:00 AM-10:00 AM, 210C (Convention Center), SF1C. Frequency Comb Technology , S&I Oral, S&I 14: Optical Metrology , Presider: Guanhao Wu, guanhaowu@mail.tsinghua.edu.cn, Tsinghua University	
8:15-8:30 AM	SF1C.2. Optimizing the Power Efficiency of a SESAM Fiber Comb Laser <u>S. Wang</u> ; C.R. Menyuk; S. Droste; L. Sinclair; I.R. Coddington; N. Newbury
8:00 AM-10:00 AM, 210F (Convention Center), FF1F. Optical & THZ Spectroscopy of Quantum Matter , FS Oral, FS 4: Optical Interactions with Condensed Matter and Ultrafast Phenomena , Presider: Robert Kaindl, rakaindl@lbl.gov, Lawrence Berkeley National Laboratory	
9:30-9:45 AM <u>(Conflict)</u>	FF1F.7. THz Nonlinear Response of Landau-Quantized Graphene <u>J.C. König-Otto</u> ; Y. Wang; A. Belyanin; A. Pashkin; H. Schneider; M. Helm; S. Winnerl
8:00 AM-10:00 AM, 210G (Convention Center), FF1G. Nanoparticle Mediated Emission and Field Enhancement , FS Oral, FS 6: Nano-Optics and Plasmonics , Presider: Berardi Sensale-Rodriguez, berardi.sensale@utah.edu, University of Utah	
8:30-8:45 AM	FF1G.3. Do Low-Loss Doped Semiconductor Nanoparticles Yield Stronger Field Enhancement? <u>J. Khurgin</u> ; P.C. Wu; D.P. Tsai; N. Liu; W.T. Hsieh; G. Sun
8:00 AM-10:00 AM, Salon III (Marriott), SF1M. Aerosol and Gas Sensing , S&I Oral, S&I 13: Active Optical Sensing , Presider: Michael Wojcik, michael.wojcik@sdl.usu.edu, Space Dynamics Laboratory	
9:30-9:45 AM <u>(Conflict)</u>	SF1M.6. Multiheterodyne Spectroscopy with Interband Cascade Lasers <u>J. Westberg</u> ; L.A. Sterczewski; L. Patrick; C. Kim; M. Kim; C.L. Canedy; W.W. Bewley; C. . Merritt; I. Vurgaftman; J.R. Meyer; G. Wysocki
10:30 AM-12:15 PM, Salon I & II (Marriott), SF2L. Advanced Fiber Devices and Concepts , S&I Oral, S&I 11: Fibers Photonic , Presider: Sze Set, set@cntp.t.u-tokyo.ac.jp, University of Tokyo	
11:45-12:00 PM	SF2L.6. Simultaneous Excitatory and Inhibitory Dynamics in A Graphene Excitable Laser <u>P.Y. Ma</u> ; B.J. Shastri; A.N. Tait; M.A. Nahmias; T. Ferreira de Lima; P.R. Prucnal
10:30 AM-12:30 PM, Salon III (Marriott), SF2M. Combustion Diagnostics and Imaging , S&I Oral, S&I 13: Active Optical Sensing , Presider: Scott Howard, showard@nd.edu, University of Notre Dame	
12:15-12:30 PM	SF2M.7. Nitrogen Dioxide Detection by use of Photoacoustic Spectroscopy with a High Power Violet-Blue Diode Laser <u>L. Dong</u> ; X. Yin; H. Zheng; H. Wu; S. Jia; F. Tittel