

# The 8th International Conference on Surface Plasmon Photonics (SPP8)

Time	Monday, May 22, 2017
08:00-09:30	Registration
	Room: International Conference Hall (4F)
	Session: MON-SC01 Chair: _____
09:20-10:20	<p style="text-align: center;"><b>SC-1</b> <b>Martin Moskovits</b>  <i>University of California, Santa Barbara, USA</i>            SERS and Plasmons: Background and Perspectives</p>
10:20-10:30	Coffee Break
	Session: MON-SC02 Chair: _____
10:30-11:30	<p style="text-align: center;"><b>SC-2</b> <b>Peter Nordlander</b>  <i>Rice University, USA</i>            Introduction to Quantum Plasmonics and Hot Carrier Generation</p>
11:30-11:40	Coffee Break
	Session: MON-SC03 Chair: _____
11:40-12:40	<p style="text-align: center;"><b>SC-3</b> <b>Din Ping Tsai</b>  <i>Academia Sinica, Taiwan</i>            Applications of plasmonics and metasurfaces</p>
12:40-14:00	Lunch
	Session: MON-SC04 Chair: _____
14:00-15:00	<p style="text-align: center;"><b>SC-4</b> <b>Mark I. Stockman</b>  <i>Georgia State University, USA</i>            Nanoplasmonics: Fundamentals and Advanced Developments</p>
15:00-15:30	Coffee Break
	Session: MON-SC05 Chair: _____
15:30-16:30	<p style="text-align: center;"><b>SC-5</b> <b>Jacob B. Khurgin</b>  <i>Johns Hopkins University, USA</i>            Enhancement of Optical Processes in Metals, Semiconductors and Dielectrics: the limits of possible</p>
16:30-17:00	<p style="text-align: center;"><b>SC-6</b> <b>Nadya Reingand</b>  <i>Patent Hatchery LLC, USA</i>            Intellectual property protection in the global industrial integration</p>
17:00-19:00	Welcome reception

Date	Tuesday, May 23, 2017		
	Room: International Conference Hall (4F)		
08:45-09:00	Opening		
	Session: TUE-PL01 Chair: _____		
09:00-09:45	<b>PL-1 John Pendry</b> <i>Imperial College London, UK</i> Controlling light on the nanoscale		
09:45-10:30	<b>PL-2 Xiang Zhang</b> <i>University of California, Berkeley, USA</i> Pending		
10:30-11:00	Group Photo & Coffee Break		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: TUE-IC-S1 Chair: _____	Session: TUE-R1-S1 Chair: _____	Session: TUE-R2-S1 Chair: _____
11:00-11:30	<b>IN-1 Nikolay Zheludev (Meta)</b> <i>University of Southampton, UK &amp; NTU, Singapore UK</i> Merging Metamaterial and Fiber Technologies	<b>IN-2 Yoshimasa Kawata (Sensor)</b> <i>Shizuoka University, Japan</i> Deep-UV Surface Plasmon for Bio-Imaging	<b>IN-3 Martin Moskovits (EP)</b> <i>University of California, Santa Barbara, USA</i> Plasmon-accelerated electrochemical synthesis
11:30-11:45	<b>Oral-1 Yuri Gorodetski (Meta)</b> <i>Ariel University, Israel</i> Anomalous Polarization of Accelerating Plasmonic Vortices	<b>Oral-3 Yonatan Sivan (Sensor)</b> <i>Ben Gurion University of the Negev, Israel</i> STED nanoscopy assisted by small metal nanoparticles – new advances	<b>Oral-5 Terefe Getaneh Habteyes (EP)</b> <i>University of New Mexico, USA</i> Measuring and Utilizing Surface Plasmon Near-Field for Photochemistry and In Situ Detection
11:45-12:00	<b>Oral-2 Jer-Shing Huang (Meta)</b> <i>Leibniz Institute of Photonic Technology, Germany</i> Goos-Hänchen Shift and Plasmon Coupling of Whispering-gallery Modes in a Self-assembled Fluorescent $\pi$ -conjugated Polymer Sphere on Ultra Flat Gold Surface	<b>Oral-4 Wei Ru Wong (Sensor)</b> <i>University of Malaya, Malaysia</i> Long-range Surface Plasmon based Biosensor for Dengue Virus Antigen Detection	<b>Oral-6 Ruggero Verre (EP)</b> <i>Chalmers University of Technology, Sweden</i> Cathodoluminescence nanoscopy of plasmonic nanostructures
12:00-13:20	Lunch		
	Session: TUE-IC-S2 Chair: _____	Session: TUE-R1-S2 Chair: _____	Session: TUE-R2-S2 Chair: _____
13:20-13:50	<b>IN-4 David R. Smith (Meta)</b> <i>Duke University, USA</i> Film-Coupled Plasmonic NanoPatch Metasurfaces	<b>IN-6 Pierre Berini (Novel)</b> <i>University of Ottawa, Canada</i> Plasmonic Colours on Bulk Metals: Laser Coloring of Large Areas Exhibiting High Topography	<b>IN-8 Ekmel Ozbay (Graphene)</b> <i>Bilkent University, Turkey</i> Metamaterial based nanobiosensors and nanophotodetectors

13:50-14:05	<b>Oral-7 Tengfei Li (Meta)</b> <i>Johns Hopkins University, USA</i> Imaging limits of multilayer hyperbolic metamaterials	<b>Oral-10 Ji Chen (Meta)</b> <i>Nanjing University, China</i> Plasmonic holograms by polarized scattering of propagating surface plasmon wave	<b>Oral-13 Bi-Shen Lee (Sensor)</b> <i>National Tsing Hua University, Taiwan</i> A High-performance Multifunctional Substrate of Ultra-Thin Layer Chromatography (UTLC) and Surface Enhanced Raman Scattering (SERS) for Rapid Biochemical Mixture Screening
14:05-14:20	<b>Oral-8 Ngoc Bao Nguyen (Meta)</b> <i>Imperial college london, UK</i> Hybrid Gap Plasmon GaAs Nanolasers	<b>Oral-11 Taras Hanulia (Meta)</b> <i>Shizuoka University, Japan</i> Lifetime measurement of fluorescence excited with surface plasmon resonance	<b>Oral-14 Jonathan Bar-David (Meta)</b> <i>The Hebrew University of Jerusalem, Israel</i> Tunable metasurfaces using Alkali vapors
14:20-14:35	<b>Oral-9 David Albinsson (Meta)</b> <i>Chalmers University of Technology, Sweden</i> Single Particle Nanoplasmonic Sensing in Individual Nanofluidic Channels	<b>Oral-12 Gad Bahir (Meta)</b> <i>Technion-Israel Institute of Technology, Israel</i> Vacuum-field Rabi Splitting at SWIR in Photocurrent of GaN based Quantum Cascade Infrared Photodetectors Coupled to Metamaterial Nano-antennas	<b>Oral-15 Ashish Chanana (Graphene)</b> <i>University of Utah, USA</i> Encrypting Multi-Color Images on Terahertz Plasmonic Metasurfaces
14:35-15:05	<b>IN-5 Danguyan Lei (Meta)</b> <i>The Hong Kong Polytechnic University, Hong Kong</i> Gap plasmon enhanced optical spectroscopy in a plasmonic particle-on-film nanocavity	<b>IN-7 Romain Quidant (Sensor)</b> <i>ICFO – The Institute of Photonic Sciences, Spain</i> On-a-chip biosensing with optical nanoresonators: from biomolecules detection to cell screening	<b>IN-9 Cheng Wei Qiu (Graphene)</b> <i>National University of Singapore, Singapore</i> Metasurface-boosted TMDCs
15:05-15:35	<b>Coffee Break</b>		
	<b>Session: TUE-IC-S3</b> Chair: _____	<b>Session: TUE-R1-S3</b> Chair: _____	<b>Session: TUE-R2-S3</b> Chair: _____
15:35-16:05	<b>IN-10 Reuven Gordon (Meta)</b> <i>University of Victoria, Canada</i> Functional Quantum-Plasmonic Metamaterials and Metasurfaces	<b>IN-12 Martin Aeschlimann (Ultra)</b> <i>University of Kaiserslautern, Germany</i> Revealing the subfemtosecond dynamics of surface plasmon polariton propagation	<b>IN-14 Sergey Bozhevolnyi (Meta)</b> <i>University of Southern Denmark, Denmark</i> <b>Light Scattering by Random Metal Nanostructures</b>
16:05-16:20	<b>Oral-16 Yu-Jung Lu (Meta)</b> <i>California Institute of Technology, USA</i> Actively Tune the Transition from Spontaneous Emission to Lasing by Gating Titanium Nitride Plasmonic Heterostructure	<b>Oral-20 Adrian Agreda (Ultra)</b> <i>Université Bourgogne Franche-Comté France</i> Electrical Command of the Nonlinear Photo-luminescence of Plasmonic Gap Antennas	<b>Oral-24 Jiayuan Wang (Meta)</b> <i>Xiamen University, China</i> Optimal Focusing of SPPs with a Rectangular Grooves Arrayed Plasmonic Lens
16:20-16:35	<b>Oral-17 Euclides Almeida (Meta)</b> <i>Weizmann Institute of Science, Israel</i> Multilayer Metasurfaces for RGB Light Control	<b>Oral-21 Sylvain Damien Gennaro (Ultra)</b> <i>Imperial College London, UK</i> Second Harmonic Generation from Gold Nanoantennas: The Interplay of Symmetry and Scattering Phase	<b>Oral-25 Martin P. van Exter (Meta)</b> <i>Leiden University, Netherlands</i> Surface-plasmon laseing in hexagonal hole arrays

16:35-16:50	<b>Oral-18 Yehiam Prior (Meta)</b> <i>Weizmann Institute of Science, Israel</i> Digital Nonlinear Metamaterials	<b>Oral-22 Zsuzsanna Pápa (Ultra)</b> <i>ELI-ALPS Research Institute, Hungary</i> Measuring nanoplasmonic field enhancement with ultrafast photoemission	<b>Oral-26 Nobuyuki Takeyasu (Meta)</b> <i>Okayama University, Japan</i> Hydrophobic assembly of gold nanoparticles into dimers with Langmuir-Blodgett film
16:50-17:05	<b>Oral-19 Pan Wang (Meta)</b> <i>King's College London, UK</i> Electrically-driven plasmonic nanorod metamaterials	<b>Oral-23 Garnett W Bryant (Ultra)</b> <i>National Institute of Standards and Technology, USA</i> Atomic-Scale Quantum Plasmonics	<b>Oral-27 Satoshi Ishii (Energy)</b> <i>NIMS, Japan</i> Hot electron excitation in titanium nitride
17:05-17:35	<b>IN-11 Tao Li (Meta)</b> <i>Nanjing University, China</i> Plasmonic Holography from In-plane to Out-of-plane	<b>IN-13 Oliver Benson (Ultra)</b> <i>Humboldt University, Germany</i> Coupling of Quantum Excitations and Plasmonic modes: From Strong Coupling to Quantum Non-linear Devices	<b>IN-15 Erez Hasman (Meta)</b> <i>Technion-Israel Institute of Technology, Israel</i> Multifunctional Geometric Phase Metasurfaces
18:30-20:30	<b>Banquet</b>		

Date	Wednesday, May 24, 2017		
	Room: International Conference Hall (4F)		
	Session: WED-PL01 Chair: _____		
09:00-09:45	<b>PL-3 Vladimir Shalaev</b> <i>Purdue University, USA</i> Enabling Practical Nanophotonics with Plasmonics		
09:45-10:45	Poster Session & Coffee Break		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: WED-IC-S1 Chair: _____	Session: WED-R1-S1 Chair: _____	Session: WED-R2-S1 Chair: _____
10:45-11:15	<b>IN-16 Naomi Halas (Energy)</b> <i>Rice University, USA</i> Sustainable and Molecular Plasmonics	<b>IN-18 Alexandra Boltasseva (Meta)</b> <i>Purdue University, USA</i> MXenes for Plasmonic and Metamaterial Devices	<b>IN-20 Mark I. Stockman (EP)</b> <i>Georgia State University, USA</i> Real and Imaginary Properties of Epsilon-near-Zero Materials
11:15-11:30	<b>Oral-28 Daniel E Gomez (Energy)</b> <i>RMIT University, Australia</i> Hot Carrier Extraction with Plasmonic Broadband Absorbers	<b>Oral-30 Shinji Hayashi (Meta)</b> <i>Kobe University, Japan</i> Light-tunable Fano Resonance in Metal-Dielectric Multilayer Structures	<b>Oral-32 Greg Sun (EP)</b> <i>University of Massachusetts Boston, USA</i> Landau Damping - Ultimate Limit on Field Enhancement in Deep Subwavelength Plasmonic Dimers
11:30-11:45	<b>Oral-29 Matz Liebel (Energy)</b> <i>ICFO - The Institute of Photonic Sciences, Spain</i> Mapping molecule-plasmonic nanostructure interactions on the nanoscale	<b>Oral-31 Roy Tuvia Zektzer (Meta)</b> <i>The Hebrew University of Jerusalem, Israel</i> Enhanced light matter interactions in plasmonic-molecular gas hybrid system	<b>Oral-33 Lin Wu (EP)</b> <i>A*STAR Institute of High Performance Computing, Singapore</i> Modeling on-chip molecular electronic plasmon sources based on self-assembled monolayer tunnel junctions
11:45-12:15	<b>IN-17 Andrea Fratallocchi (Energy)</b> <i>King Abdullah University of Science and Technology, Saudi Arabia</i> Complex Epsilon-Near-Zero plasmonic materials: from fundamentals to applications in structural colors, energy harvesting and photocatalysis	<b>IN-19 Ulrich Hohenester (Meta)</b> <i>Karl-Franzens-University Graz, Austria</i> Tomographic reconstruction of the photonic environment of plasmonic nanoparticles	<b>IN-21 Wenshan Cai (EP)</b> <i>Georgia Institute of Technology, USA</i> Electrically-Controlled Nonlinear Plasmonics
12:15-13:35	Lunch		
	Session: WED-IC-S2 Chair: _____	Session: WED-R1-S2 Chair: _____	Session: WED-R2-S2 Chair: _____
13:35-14:05	<b>IN-22 Federico Capasso (Graphene)</b> <i>Harvard University, USA</i> Surface plasmon polaritons at 2D materials-metal interfaces	<b>IN-24 Olivier Martin (Novel)</b> <i>EPFL, Ecole Polytechnique Fédérale de Lausanne, Switzerland</i> Plasmonic Colors in Medieval Stained Glass Windows: Myth or Reality?	<b>IN-26 Jacob Khurgin (EP)</b> <i>Johns Hopkins University, USA</i> Photoexcitation of carriers in metals: from icy frigid to comfortably tepid to scalding hot
14:05-14:20-	<b>Oral-34 Alexander Dubrovkin (Graphene)</b> <i>Nanyang Technological University, Centre for Disruptive Photonic Technologies, Singapore</i> Confined Surface Waves in van der Waals Dielectrics	<b>Oral-37 Harish Natarajan Swaha Krishnamoorthy (Novel)</b> <i>Nanyang Technological University, Singapore</i> Optical range plasmonics around superconducting transition temperature of	<b>Oral-40 Wei-Chang David Yang (EP)</b> <i>National Institute of Standards and Technology, USA</i> Room Temperature CO Dissociation on Selective Edges of Gold Nanoparticles

		niobium metamaterial	
14:20-14:35	<b>Oral-35 Renwen Yu (Graphene)</b> <i>ICFO - The Institute of Photonic Sciences, Spain</i> Electrical Detection of Single Graphene Plasmons	<b>Oral-38 Cheng Zhang (Novel)</b> <i>NIST, USA</i> High-performance Plasmonic Structures by Doped Silver	<b>Oral-41 Quan Sun (EP)</b> <i>Hokkaido University, Japan</i> Spectrally and Spatially Resolving the Near Field of Coupled Plasmonic Nanostructures by PEEM
14:35-14:50	<b>Oral-36 Javier Garcia de Abajo (Graphene)</b> <i>ICFO-The Institute of Photonic Sciences, Spain</i> Quantum physics with graphene plasmons	<b>Oral-39 Zhifeng Huang (Novel)</b> <i>Hong Kong Baptist University, Hong Kong</i> Chiral Plasmonic Nanoparticles with Chiroptical Activity Engineerable in the UV-visible region	<b>Oral-42 Paul Dawson (EP)</b> <i>Queen's University Belfast, UK</i> Surface Plasmon Mediated Light Emission Driven by Tunneling Electrons: Macro- to Nano-scale over 40 Years
14:50-15:20	<b>IN-23 Dai-Sik Kim (Graphene)</b> <i>Seoul National University, Korea</i> Ångstrom and nanometer sized gaps for terahertz nonlinearities	<b>IN-25 Dong Ha Kim (Novel)</b> <i>Ewha Womans University, Korea</i> Surface Plasmons for Advanced Optoelectronic Nanomaterials and Devices	<b>IN-27 Francisco J. García-Vidal (EP)</b> <i>Universidad Autónoma de Madrid, Spain</i> Extraordinary exciton transport and modifications of molecular structure under strong light-matter coupling
15:20-15:50	<b>Coffee Break</b>		
	<b>Session: WED-IC-S3</b> Chair: _____	<b>Session: WED-R1-S3</b> Chair: _____	<b>Session: WED-R2-S3</b> Chair: _____
15:50-16:20	<b>IN-28 Harald Giessen (Meta)</b> <i>University of Stuttgart, Germany</i> Merging micro- and nanooptics	<b>IN-30 Frank Koppens (Graphene)</b> <i>ICFO – The Institute of Photonic Sciences, Spain</i> Quantum plasmonics and polaritons in 2d materials	<b>IN-32 David J. Norris (Energy)</b> <i>ETH Zürich, Switzerland</i> Colloidal-Quantum-Dot Spasers and Plasmonic Amplifiers
16:20-16:35	<b>Oral-43 Michael Nielsen (Meta)</b> <i>Imperial College London, UK</i> Adiabatic nanofocusing in hybrid gap plasmon waveguides	<b>Oral-47 Uriel Levy (Graphene)</b> <i>The Hebrew University of Jerusalem, Israel</i> Silicon Plasmonic Schottky photodetectors: The Physics behind graphene enhanced internal photoemission	<b>Oral-51 Emiliano Cortes (Energy)</b> <i>Imperial College London, UK</i> Mapping reactive-sites in plasmonic antennas with 15 nm resolution
16:35-16:50	<b>Oral-44 Denis Garoli (Meta)</b> <i>Istituto Italiano di Tecnologia (IIT), Italy</i> Beaming of helical light from plasmonic vortices via adiabatically tapered nanotip	<b>Oral-48 Kok Wai Cheah (Meta)</b> <i>Hong Kong Baptist University, Hong Kong</i> Mode Coupling of SPP and Fabry-Perot Cavity	<b>Oral-52 Qin Chen (Energy)</b> <i>Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences, China</i> Multifunctional silicon optoelectronics integrated with plasmonic color
16:50-17:05	<b>Oral-45 Dejiao Hu (Meta)</b> <i>Jinan University, China</i> Vivid plasmonic color printing by a tightly focused femtosecond laser beam	<b>Oral-49 Kentaro Takatori (Meta)</b> <i>RIKEN, Japan</i> Surface-plasmon-induced ultra broadband light absorption ranged from visible to infrared	<b>Oral-53 Jean-Claude Weeber (Energy)</b> <i>University of Burgundy, France</i> Colloidal integrated light sources for surface plasmon mediated excitation of photonic waveguides
17:05-17:20	<b>Oral-46 Dmitriev Alexandre (Meta)</b> <i>University of Gothenburg / Stanford University, Sweden</i> Magnetoplasmonics: Magnetic control of chiroptical plasmonic	<b>Oral-50 Andrea Marini (Meta)</b> <i>ICFO, Spain</i> Lasing without a cavity in graphene random metamaterials	<b>Oral-54 Hiroaki Misawa (Energy)</b> <i>Hokkaido University, Japan</i> Ammonia photosynthesis using plasmon photoanode

	surfaces and transparent solar radiators		
17:20-17:50	<b>IN-29 Junsuk Rho (Meta)</b> <i>Pohang University of Science and Technology (POSTECH), Korea</i> 3D metamaterials at optical frequencies	<b>IN-31 Philippe Tassin (Graphene)</b> <i>Chalmers University, Sweden</i> Graphene Plasmonics: Physics and Applications	<b>IN-33 Keiji Sasaki (Particle)</b> <i>Hokkaido University, Japan</i> Nano-Manipulation with Plasmonic Chiral Fields
17:50-19:30	Dinner – Buffet		

Date	Thursday, May 25, 2017		
	Room: International Conference Hall (4F)		
	Session: THU-PL1 Chair: _____		
09:00-09:45	<p><b>PL-4 Shangjr Gwo</b>  <i>National Tsing Hua University, Taiwan</i>  When plasmonic metasurfaces meet 2D semiconductor monolayers</p>		
09:45-10:45	Poster Session & Coffee Break		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: THU-IC-S1 Chair: _____	Session: THU-R1-S1 Chair: _____	Session: THU-R2-S1 Chair: _____
10:45-11:15	<p><b>IN-34 Peter Nordlander (EP)</b>  <i>Rice University, USA</i>  Plasmon-Induced Hot Carrier Generation and Applications</p>	<p><b>IN-36 Mikhail Noginov (Meta)</b>  <i>Norfolk State University, USA</i>  Control of Physical and Chemical Processes with Metamaterials and Metallic Surfaces</p>	<p><b>IN-38 Enzo Di Fabrizio (Sensor)</b>  <i>King Abdullah University of Science and Technology, Saudi Arabia</i>  Hot Electrons Nanoscopy and Spectroscopy (HENS)</p>
11:15-11:30	<p><b>Oral-55 Wakana Kubo (EP)</b>  <i>Tokyo University of Agriculture and Technology, Japan</i>  Plasmon-assisted Phase Transition of VO<sub>2</sub></p>	<p><b>Oral-58 Hailong Liu (Meta)</b>  <i>Singapore University of Technology and Design, Singapore</i>  Chalcogenide Color-Changing Plasmonic Pixels</p>	<p><b>Oral-61 Enoch Y. Park (Sensor)</b>  <i>Shizuoka University, Japan</i>  Localized surface plasmon resonance-mediated fluorescence signal in plasmonic nanoparticle-quantum dot hybrids for ultrasensitive Zika virus RNA detection via hairpin hybridization assay</p>
11:30-11:45	<p><b>Oral-56 Alfred J. Meixner (EP)</b>  <i>University of Tubingen, Germany</i>  Enhancement of Radiative Plasmon Decay by Hot Electron Tunneling</p>	<p><b>Oral-59 Ramon Paniagua Dominguez (Meta)</b>  <i>Data Storage Institute (Agency for Science, Technology and Research, A*STAR), Singapore</i>  Resonant dielectric nanoparticles with angle-suppressed, asymmetric scattering patterns: applications to flat-optics</p>	<p><b>Oral-62 Kai Chen (Sensor)</b>  <i>National Institute for Materials Science, Japan</i>  AI nanoantennas for plasmon-enhanced infrared spectroscopy</p>
11:45-12:00	<p><b>Oral-57 Ai-Hua Li (Energy)</b>  <i>Xiamen University, China</i>  Cavity-mode tailored upconversion luminescence in Ag-capped NaLuF<sub>4</sub>:Yb,Er micro-rod</p>	<p><b>Oral-60 Giorgio Adamo (Meta)</b>  <i>Nanyang Technological University, Singapore</i>  Color Tunable Perovskite Metamaterials</p>	<p><b>Oral-63 Olga Borovkova (Sensor)</b>  <i>Russian Quantum Center, Russia</i>  Magnetoplasmonic Structure Design for Sensing Applications</p>
12:00-12:30	<p><b>IN-35 P. James Schuck (EP)</b>  <i>Lawrence Berkeley National Laboratory, USA</i>  Mapping optoelectronic properties at length scales that matter in 2D semiconductors</p>	<p><b>IN-37 Alain Dereux (Meta)</b>  <i>Université Bourgogne Franche-Comté, France</i>  Characterization of CMOS metal based Dielectric Loaded Surface Plasmon Waveguide at telecom frequencies</p>	<p><b>IN-39 Francesco De Angelis (Sensor)</b>  <i>Italian Institute of Technology, Italy</i>  3D plasmonic metamaterials and devices for biosensing</p>
12:30-13:30	Lunch		
13:40-	City Tour		



Date	Friday, May 26, 2017		
	Room: International Conference Hall (4F)		
	Session: FRI-PL1 Chair: _____		
09:00-09:45	<b>PL-5 Harry Atwater</b> <i>California Institute of Technology, USA</i> title		
09:45-10:45	Poster Session & Coffee Break		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: FRI-IC-S1 Chair: _____	Session: FRI-R1-S1 Chair: _____	Session: FRI-R2-S1 Chair: _____
10:45-11:15	<b>IN-40 Martti Kauranen (Meta)</b> <i>Tampere University of Technology, Finland</i> Nonlinear Optics of Plasmonic Metasurfaces	<b>IN-42 Gennady Shvets (Novel)</b> <i>Cornell University, USA</i> Chiral Nanophotonics of Plasmonic and Dielectric Nanoclusters: From Landau-Lifshitz Constraint to Flat Blazed Gratings	<b>IN-44 Yasushi Inouye (Sensor)</b> <i>Osaka University, Japan</i> Nano-Metal Structures for Bio-Sensing and Bio-Imaging
11:15-11:30	<b>Oral-64 Yu Hung Hsieh (Meta)</b> <i>National Tsing Hua University, Taiwan</i> All-dielectric slow light nanolaser based on metamaterials	<b>Oral-66 Benjamin Vest (Ultra)</b> <i>Laboratoire Charles Fabry, Institut d'Optique, France</i> Revisiting quantum optics with plasmons	<b>Oral-68 Akira Baba (Energy)</b> <i>Niigata University, Japan</i> Gold Quantum Dots/Plasmonic Systems for Improvement of Organic Solar Cells
11:30-11:45	<b>Oral-65 Emilie SAKAT (Meta)</b> <i>CNRS, Laboratoire Charles Fabry, France</i> Harnessing blackbody radiation of hot nanoemitters with plasmonic nanoantennas	<b>Oral-67 Deng Pan (Ultra)</b> <i>The Institute of Photonic Sciences, Spain</i> Exotic Thermal Vacuum Torque of a Nanosphere under Magnetic Field	<b>Oral-69 Nicolae C Panoiu (Graphene)</b> <i>University College London, England</i> Giant Plasmon-Induced Enhancement of Third-Harmonic Generation in Double-Layer Graphene Gratings
11:45-12:15	<b>IN-41 Pin Chieh Wu</b> <i>Academia Sinica, Taiwan</i> Light Control with Photonic Metasurfaces	<b>IN-43 Na Liu (Novel)</b> <i>Max-Planck-Institut für Intelligente Systeme, Germany</i> Dynamic plasmonic colour display	<b>IN-45 Jeongyong Kim (NF)</b> <i>SKKU, Korea</i> Near-Field Investigation of Exciton-Driven Light Emission and Absorption in TMD Monolayers and Heterostructures
12:15-13:35	Lunch		
	Session: FRI-IC-S2 Chair: _____	Session: FRI-R1-S2 Chair: _____	Session: FRI-R2-S2 Chair: _____
13:35-14:05	<b>IN-46 Javier Aizpurua (Ultra)</b> <i>Center for Materials Physics in San Sebastian (CSIC-UPV/EHU) and DIPC, Spain</i> Molecular optomechanics in plasmonic cavities	<b>IN-48 Philippe Lalanne (Meta)</b> <i>CNRS, France</i> Rigorous modal analysis of optical resonators	<b>IN-50 Prabhat Verma (NF)</b> <i>Osaka University, Japan</i> White Nano-Light-Source through Plasmon Nanofocusing for Background-Free NSOM and TERS Imaging
14:05-14:20-	<b>Oral-70 Wei-Shun Chang (Ultra)</b> <i>Rice University, USA</i> Ultrafast Dynamics on Single Aluminum Nanostructures	<b>Oral-73 Thang Duy Dao (Meta)</b> <i>National Institute for Materials Science, Japan</i> Spectrally-Selective Infrared Detectors using Hole Array Perfect Absorbers	<b>Oral-76 Yao Zhang (NF)</b> <i>Center for Material Physics (CSIC - UPV/EHU and DIPC), Spain</i> Atomistic treatment of Tip-Enhanced Raman Spectroscopy for visualization of a single molecule

14:20-14:35	<b>Oral-71 Hayk Harutyunyan (Ultra)</b> <i>Emory University, USA</i> Ultrafast hot electron response in plasmonic nanostructures	<b>Oral-74 Yi-Ciang Jhang (Meta)</b> <i>National Taipei University of Technology, Taiwan</i> Tailored admittance and refractive index of a stratiform metamaterial for high efficient light absorption	<b>Oral-77 James T Hugall (NF)</b> <i>ICFO - Institute of Photonic Sciences, Spain</i> Nanoscale optimization of cavity-coupling strength $g$ for ultrabright single photon sources
14:35-14:50	<b>Oral-72 Yuan Zhang (Ultra)</b> <i>Aarhus University, Denmark</i> Quantum theory for plasmonic nano-laser with multi-level molecules: optical pumping and molecular randomness	<b>Oral-75 Igal Brener (Meta)</b> <i>Sandia National Laboratories, USA</i> III-V Dielectric Metamaterials: A New Platform for Linear and Nonlinear Optics	<b>Oral-78 Thomas Phillip Darlington (NF)</b> <i>Lawrence Berkeley National Laboratory, USA</i> Developing High Performance Near-Field Optical Probes using Surface Plasmon Polaritons
14:50-15:20	<b>IN-47 Cesare Soci (Novel)</b> <i>Nanyang Technological University, Singapore</i> Plasmonics in Topological Insulators	<b>IN-49 Masanobu Haraguchi (Meta)</b> <i>Tokushima University, Japan</i> Fabrication of split ring resonator for near infrared region by nanosphere lithography	<b>IN-51 Takumi Sannomiya (NF)</b> <i>Tokyo Institute of Technology, Japan</i> Phase Measurement of Plasmonic Nanoparticles by STEM Cathodoluminescence
15:20-15:50	<b>Coffee Break</b>		
	<b>Session: FRI-IC-S3</b> Chair: _____	<b>Session: FRI-R1-S3</b> Chair: _____	<b>Session: FRI-R2-S3</b> Chair: _____
15:50-16:05	(15:50-16:20) <b>IN-52 Bert Hecht (EP)</b> <i>University of Würzburg, Germany</i> Pending	(15:50-16:20) <b>IN-53 Kyoko Namura (Particle)</b> <i>Kyoto University, Japan</i> Microparticle handling method based on thermoplasmonic Marangoni effects.	<b>Oral-83 Antonio Isaac Fernández-Domínguez (Ultra)</b> <i>Universidad Autónoma de Madrid, Spain</i> Transformation Optics Approach to Plasmon-Exciton Strong Coupling in Nanocavities
16:05-16:20			<b>Oral-84 Gerard Colas des Francs</b> <i>ICB - CNRS/Univ. Bourgogne-Franche Comte, France</i> Dressed atom picture for a quantum emitter strongly coupled to a metal nanoparticle
16:20-16:35	<b>Oral-79 Elizabeth Boer-Duchemin (EP)</b> <i>Université Paris-Sud, France</i> Surface plasmon polariton beams from an electrically excited plasmonic crystal	<b>Oral-81 Kenzo Yamaguchi (Particle)</b> <i>Kagawa University, Japan</i> Multiple hotspots from Ag nanowire on mirror	<b>Oral-85 Alexey V. Krasavin (Ultra)</b> <i>King's College London, UK</i> Nonlocal Nonlinear Plasmonics in Hydrodynamic Description
16:35-16:50	<b>Oral-80 Volker Deckert (Meta)</b> <i>Leibniz-Institut für Photonische Technologien (IPHT), Germany</i> High Resolution Tip-Enhanced Raman Spectroscopy Current State of Theory and Experiment	<b>Oral-82 Daniel Andren (Particle)</b> <i>Chalmers University of Technology, Sweden</i> Nanoscale photothermal effects on optically trapped rotating gold nanorods	<b>Oral-86 Pavel Melentiev (Ultra)</b> <i>Institute for Spectroscopy, Russia</i> UV Nonlinear Optics with Single Plasmonic Nanostructure
16:50-17:00	<b>Break</b>		
17:00-17:20	Award & Closing Ceremony		