

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

Time	Monday, May 22, 2017
08:00-09:00	Registration
	Room: International Conference Hall (4F)
	Session: MON-SC01 Chair: Ekmel Ozbay
09:00-10:00	<p style="text-align: center;">SC-1 Martin Moskovits <i>University of California, Santa Barbara, USA</i> SERS and Plasmons: Background and Perspectives</p>
10:00-10:10	Coffee Break
	Session: MON-SC02 Chair: Yu-Jung Lu
10:10-11:10	<p style="text-align: center;">SC-2 Peter Nordlander <i>Rice University, USA</i> Introduction to Quantum Plasmonics and Hot Carrier Generation</p>
11:10-11:20	Coffee Break
	Session: MON-SC03 Chair: Yun-Chorng Chang
11:20-12:20	<p style="text-align: center;">SC-3 Din Ping Tsai <i>Academia Sinica, Taiwan</i> Applications of plasmonics and metasurfaces</p>
12:20-14:00	Lunch
	Session: MON-SC04 Chair: Greg Sun
14:00-15:00	<p style="text-align: center;">SC-4 Mark I. Stockman <i>Georgia State University, USA</i> Nanoplasmonics: Fundamentals and Advanced Developments</p>
15:00-15:30	Coffee Break
	Session: MON-SC05 Chair: Greg Sun
15:30-16:30	<p style="text-align: center;">SC-5 Jacob B. Khurgin <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;">SC-6 Nadya Reingand <i>Patent Hatchery LLC, USA</i> Intellectual property protection in the global industrial integration</p>
17:00-17:30	<p style="text-align: center;">SC-7 Rachel Won <i>Nature Publishing Group, UK</i> Nature Photonics and you</p>
17:30-19:30	Welcome reception

Date	Tuesday, May 23, 2017		
	Room: International Conference Hall (4F)		
08:45-09:00	Opening		
	Session: TUE-PL01 Chair: Luis Martín Moreno, Takuo Tanaka		
09:00-09:45	PL-1 John Pendry <i>Imperial College London, UK</i> Controlling light on the nanoscale		
09:45-10:30	PL-2 Xiang Zhang <i>University of California, Berkeley, USA</i> Soft Plasmonics: imaging, self-corrected assembly, and non-equilibrium matter		
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: Igal Brener	Session: TUE-R1-S1 Chair: Pei-Kuen Wei	Session: TUE-R2-S1 Chair: Martin Aeschlimann
11:00-11:30	IN-1 Nikolay Zheludev <i>University of Southampton, UK & NTU, Singapore</i> Merging Metamaterial and Fiber Technologies	IN-2 Yoshimasa Kawata <i>Shizuoka University, Japan</i> Deep-UV Surface Plasmon for Bio-Imaging	IN-3 Martin Moskovits <i>University of California, Santa Barbara, USA</i> Plasmon-accelerated electrochemical synthesis
11:30-11:45	Oral-1 Yuri Gorodetski <i>Ariel University, Israel</i> Anomalous Polarization of Accelerating Plasmonic Vortices	Oral-3 Yonatan Sivan <i>Ben Gurion University of the Negev, Israel</i> STED nanoscopy assisted by small metal nanoparticles – new advances	Oral-5 Tien-Chang Lu <i>National Chiao Tung University, Taiwan</i> From SPP Nanolasers to SPASERS
11:45-12:00	Oral-2 Jer-Shing Huang <i>Leibniz Institute of Photonic Technology, Germany</i> Goos-Hänchen Shift and Plasmon Coupling of Whispering-gallery Modes in a Self-assembled Fluorescent π -conjugated Polymer Sphere on Ultra Flat Gold Surface	Oral-4 Wei Ru Wong <i>University of Malaya, Malaysia</i> Long-range Surface Plasmon based Biosensor for Dengue Virus Antigen Detection	Oral-6 Ruggero Verre <i>Chalmers University of Technology, Sweden</i> Cathodoluminescence nanoscopy of plasmonic nanostructures
12:00-13:20	Lunch		
	Room: 1st Conference Room (3F)		
	Session: TUE-SP01 Chair: Chih Wei Chu		
12:20-12:50	SP-1 Simin Feng <i>Office of Naval Research Global, USA</i> Introduction of Office of Naval Research Global		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: TUE-IC-S2 Chair: Alain Dereux Kuo-Ping Chen	Session: TUE-R1-S2 Chair: Anatoly Zayats Yung-Chiang Lan	Session: TUE-R2-S2 Chair: Kannan Ramaswamy Koji Hatanaka
13:20-13:50	IN-4 David R. Smith <i>Duke University, USA</i> Film-Coupled Plasmonic NanoPatch Metasurfaces	IN-6 Pierre Berini <i>University of Ottawa, Canada</i> Plasmonic Colours on Bulk Metals: Laser Coloring of Large Areas Exhibiting High Topography	IN-8 Federico Capasso <i>Harvard University, USA</i> Surface plasmon polaritons at 2D materials-metal interfaces

13:50-14:05	Oral-7 Tengfei Li <i>Johns Hopkins University, USA</i> Imaging limits of multilayer hyperbolic metamaterials	Oral-10 Ji Chen <i>Nanjing University, China</i> Plasmonic holograms by polarized scattering of propagating surface plasmon wave	Oral-13 Bi-Shen Lee <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	Oral-8 Ngoc Bao Nguyen <i>Imperial college london, UK</i> Hybrid Gap Plasmon GaAs Nanolasers	Oral-11 Taras Hanulia <i>Shizuoka University, Japan</i> Lifetime measurement of fluorescence excited with surface plasmon resonance	Oral-14 Jonathan Bar-David <i>The Hebrew University of Jerusalem, Israel</i> Tunable metasurfaces using Alkali vapors
14:20-14:35	Oral-9 David Albinsson <i>Chalmers University of Technology, Sweden</i> Single Particle Nanoplasmonic Sensing in Individual Nanofluidic Channels	Oral-12 Michael Nielsen <i>Imperial College London, UK</i> Adiabatic nanofocusing in hybrid gap plasmon waveguides	Oral-15 Ajay Nahata <i>University of Utah, USA</i> Encrypting Multi-Color Images on Terahertz Plasmonic Metasurfaces
14:35-15:05	IN-5 Francesco De Angelis <i>Italian Institute of Technology, Italy</i> 3D plasmonic metamaterials and devices for biosensing	IN-7 Romain Quidant <i>ICFO – The Institute of Photonic Sciences, Spain</i> On-a-chip biosensing with optical nanoresonators: from biomolecules detection to cell screening	IN-9 Cheng Wei Qiu <i>National University of Singapore, Singapore</i> Metasurface-boosted TMDCs
15:05-15:25	Coffee Break		
	Session: TUE-IC-S3 Chair: Tadaaki Nagao Chen-Bin Huang	Session: TUE-R1-S3 Chair: Alexandra Boltasseva Jer-Shing Huang	Session: TUE-R2-S3 Chair: Cheng Wei Qiu Jiunn-Woei Liaw
15:25-15:55	IN-10 Reuven Gordon <i>University of Victoria, Canada</i> Functional Quantum-Plasmonic Metamaterials and Metasurfaces	IN-12 Martin Aeschlimann <i>University of Kaiserslautern, Germany</i> Revealing the subfemtosecond dynamics of surface plasmon polariton propagation	IN-14 Sergey Bozhevolnyi <i>University of Southern Denmark, Denmark</i> Light Scattering by Random Metal Nanostructures
15:55-16:10	Oral-16 Yu-Jung Lu <i>California Institute of Technology, USA</i> Actively Tune the Transition from Spontaneous Emission to Lasing by Gating Titanium Nitride Plasmonic Heterostructure	Oral-20 Adrian Agreda <i>Université Bourgogne Franche-Comté France</i> Electrical Command of the Nonlinear Photo-luminescence of Plasmonic Gap Antennas	Oral-24 Jiayuan Wang <i>Xiamen University, China</i> Optimal Focusing of SPPs with a Rectangular Grooves Arrayed Plasmonic Lens
16:10-16:25	Oral-17 Euclides Almeida <i>Weizmann Institute of Science, Israel</i> Multilayer Metasurfaces for RGB Light Control	Oral-21 Sylvain Damien Gennaro <i>Imperial College London, UK</i> Second Harmonic Generation from Gold Nanoantennas: The Interplay of Symmetry and Scattering Phase	Oral-25 Martin P. van Exter <i>Leiden University, Netherlands</i> Surface-plasmon laseing in hexagonal hole arrays
16:25-16:40	Oral-18 Yehiam Prior <i>Weizmann Institute of Science, Israel</i> Digital Nonlinear Metamaterials	Oral-22 Zsuzsanna Pápa <i>ELI-ALPS Research Institute, Hungary</i> Measuring nanoplasmonic field enhancement with ultrafast photoemission	Oral-26 Nobuyuki Takeyasu <i>Okayama University, Japan</i> Hydrophobic assembly of gold nanoparticles into dimers with Langmuir-Blodgett film

16:40-16:55	Oral-19 Pan Wang <i>King's College London, UK</i> Electrically-driven plasmonic nanorod metamaterials	Oral-23 Garnett W Bryant <i>National Institute of Standards and Technology, USA</i> Atomic-Scale Quantum Plasmonics	Oral-27 Satoshi Ishii <i>NIMS, Japan</i> Hot electron excitation in titanium nitride
16:55-17:25	IN-11 Tao Li <i>Nanjing University, China</i> Plamsonic Holography from In-plane to Out-of-plane	IN-13 Oliver Benson <i>Humboldt University, Germany</i> Coupling of Quantum Excitations and Plasmonic modes: From Strong Coupling to Quantum Non-linear Devices	IN-15 Erez Hasman <i>Technion-Israel Institute of Technology, Israel</i> Multifunctional Geometric Phase Metasurfaces
18:30-20:30	Banquet		

Date	Wednesday, May 24, 2017		
	Room: International Conference Hall (4F)		
	Session: WED-PL01 Chair: Uriel Levy		
09:00-09:45	PL-3 Vladimir Shalaev <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: David R. Smith	Session: WED-R1-S1 Chair: Martin Olivier	Session: WED-R2-S1 Chair: Quan Sun
10:45-11:15	IN-16 Naomi Halas <i>Rice University, USA</i> Sustainable and Molecular Plasmonics	IN-18 Alexandra Boltasseva <i>Purdue University, USA</i> MXenes for Plasmonic and Metamaterial Devices	IN-20 Mark I. Stockman <i>Georgia State University, USA</i> Real and Imaginary Properties of Epsilon-near-Zero Materials
11:15-11:30	Oral-28 Daniel E Gomez <i>RMIT University, Australia</i> Hot Carrier Extraction with Plasmonic Broadband Absorbers	Oral-30 Shinji Hayashi <i>Kobe University, Japan</i> Light-tunable Fano Resonance in Metal-Dielectric Multilayer Structures	Oral-32 Greg Sun <i>University of Massachusetts Boston, USA</i> Landau Damping - Ultimate Limit on Field Enhancement in Deep Subwavelength Plasmonic Dimers
11:30-11:45	Oral-29 Matz Liebel <i>ICFO - The Institute of Photonic Sciences, Spain</i> Mapping molecule-plasmonic nanostructure interactions on the nanoscale	Oral-31 Roy Tuvia Zektzer <i>The Hebrew University of Jerusalem, Israel</i> Enhanced light matter interactions in plasmonic-molecular gas hybrid system	Oral-33 Lin Wu <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	IN-17 Andrea Fratallocchi <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	IN-19 Ulrich Hohenester <i>Karl-Franzens-University Graz, Austria</i> Tomographic reconstruction of the photonic environment of plasmonic nanoparticles	IN-21 Wenshan Cai <i>Georgia Institute of Technology, USA</i> Electrically-Controlled Nonlinear Plasmonics
12:15-13:35	Lunch		
	Room: 1st Conference Room (3F)		
	Session: WED-SP01 Chair: Min-Hsiung Shih		
12:35-13:05	SP-2 Sergiu Amarie <i>neaspec GmbH, Germany</i> nano-FTIR – imaging and spectroscopy at 10nm spatial resolution		
	International Conference Hall (4F)	1st Conference Room (3F)	2nd Conference Room (3F)
	Session: WED-IC-S2 Chair: Junsuk Rho Chih-Ming Wang	Session: WED-R1-S2 Chair: N. Asger Mortensen Tien-Chang Lu	Session: WED-R2-S2 Chair: Keiji Sasaki Shiuan-Yeh Chen
13:35-14:05	IN-22 Ekmel Ozbay <i>Bilkent University, Turkey</i> Metamaterial based nanobiosensors and nanophotodetectors	IN-24 Olivier Martin <i>EPFL, Ecole Polytechnique Fédérale de Lausanne, Switzerland</i> Plasmonic Colors in Medieval Stained Glass Windows: Myth or Reality?	IN-26 Jacob Khurgin <i>Johns Hopkins University, USA</i> Photoexcitation of carriers in metals: from icy frigid to comfortably tepid to scalding hot
14:05-14:20	Oral-34 Alexander Dubrovkin	Oral-37 Harish Natarajan	Oral-40 Wei-Chang David Yang

	<i>Nanyang Technological University, Centre for Disruptive Photonic Technologies, Singapore</i> Confined Surface Waves in van der Waals Dielectrics	Swaha Krishnamoorthy <i>Nanyang Technological University, Singapore</i> Optical range plasmonics around superconducting transition temperature of niobium metamaterial	<i>National Institute of Standards and Technology, USA</i> Room Temperature CO Dissociation on Selective Edges of Gold Nanoparticles
14:20-14:35	Oral-35 Renwen Yu <i>ICFO - The Institute of Photonic Sciences, Spain</i> Electrical Detection of Single Graphene Plasmons	Oral-38 Henri Lezec <i>NIST, USA</i> High-performance Plasmonic Structures by Doped Silver	Oral-41 Quan Sun <i>Hokkaido University, Japan</i> Spectrally and Spatially Resolving the Near Field of Coupled Plasmonic Nanostructures by PEEM
14:35-14:50	Oral-36 Javier Garcia de Abajo <i>ICFO-The Institute of Photonic Sciences, Spain</i> Quantum physics with graphene plasmons	Oral-39 Jianbin Xu <i>The Chinese University of Hong Kong, Hong Kong</i> Synergistic Effects of Plasmonics and Electrons Trapping in Graphene Short-Wave Infrared Photodetectors with Ultrahigh Responsivity	Oral-42 Paul Dawson <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	IN-23 Dai-Sik Kim <i>Seoul National University, Korea</i> Ångstrom and nanometer sized gaps for terahertz nonlinearities	IN-25 Gennady Shvets <i>Cornell University, USA</i> Chiral Nanophotonics of Plasmonic and Dielectric Nanoclusters: From Landau-Lifshitz Constraint to Flat Blazed Gratings	IN-27 Francisco J. García-Vidal <i>Universidad Autónoma de Madrid, Spain</i> Extraordinary exciton transport and modifications of molecular structure under strong light-matter coupling
15:20-15:50	Coffee Break		
	Session: WED-IC-S3 Chair: Hiroyuki Takei Tsung Sheng Kao	Session: WED-R1-S3 Chair: Gennady Shvets Shuming Wang	Session: WED-R2-S3 Chair: Francisco J. García-Vidal Ya Tang Yang
15:50-16:20	IN-28 Harald Giessen <i>University of Stuttgart, Germany</i> Merging micro- and nanooptics	IN-30 Frank Koppens <i>ICFO – The Institute of Photonic Sciences, Spain</i> Quantum plasmonics and polaritons in 2d materials	IN-32 David J. Norris <i>ETH Zürich, Switzerland</i> Colloidal-Quantum-Dot Spasers and Plasmonic Amplifiers
16:20-16:35	Oral-43 Gad Bahir <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	Oral-47 Uriel Levy <i>The Hebrew University of Jerusalem, Israel</i> Silicon Plasmonic Schottky photodetectors: The Physics behind graphene enhanced internal photoemission	Oral-51 Emiliano Cortes <i>Imperial College London, UK</i> Mapping reactive-sites in plasmonic antennas with 15 nm resolution
16:35-16:50	Oral-44 Denis Garoli <i>Istituto Italiano di Tecnologia (IIT), Italy</i> Beaming of helical light from plasmonic vortices via adiabatically tapered nanotip	Oral-48 Kok Wai Cheah <i>Hong Kong Baptist University, Hong Kong</i> Mode Coupling of SPP and Fabry-Perot Cavity	Oral-52 Qin Chen <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	Oral-45 Dejiao Hu <i>Jinan University, China</i> Vivid plasmonic color printing by a tightly focused femtosecond laser beam	Oral-49 Kentaro Takatori <i>RIKEN, Japan</i> Surface-plasmon-induced ultra broadband light absorption ranged from visible to infrared	Oral-53 Jean-Claude Weeber <i>University of Burgundy, France</i> Colloidal integrated light sources for surface plasmon mediated excitation of photonic

			waveguides
17:05-17:20	Oral-46 Alexandre Dmitriev <i>University of Gothenburg, Sweden / Stanford University, USA</i> Magnetoplasmonics: Magnetic control of chiroptical plasmonic surfaces and transparent solar radiators	Oral-50 Andrea Marini <i>ICFO, Spain</i> Lasing without a cavity in graphene random metamaterials	Oral-54 Hiroaki Misawa <i>Hokkaido University, Japan</i> Ammonia photosynthesis using plasmon photoanode
17:20-17:50	IN-29 Junsuk Rho <i>Pohang University of Science and Technology (POSTECH), Korea</i> 3D metamaterials at optical frequencies	IN-31 Philippe Tassin <i>Chalmers University, Sweden</i> Graphene Plasmonics: Physics and Applications	IN-33 Keiji Sasaki <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: Pierre Berini		
09:00-09:45	<p>PL-4 Shangjr Gwo <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: Dai-Sik Kim Shangjr Gwo	Session: THU-R1-S1 Chair: Oliver Benson Hung-chun Chang	Session: THU-R2-S1 Chair: Jacob Khurgin Ta-Jen Yen
10:45-11:15	<p>IN-34 Peter Nordlander <i>Rice University, USA</i> Plasmon-Induced Hot Carrier Generation and Applications</p>	<p>IN-36 Mikhail Noginov <i>Norfolk State University, USA</i> Control of Physical and Chemical Processes with Metamaterials and Metallic Surfaces</p>	<p>IN-38 Enzo Di Fabrizio <i>King Abdullah University of Science and Technology, Saudi Arabia</i> Hot Electrons Nanoscopy and Spectroscopy (HENS)</p>
11:15-11:30	<p>Oral-55 Wakana Kubo <i>Tokyo University of Agriculture and Technology, Japan</i> Plasmon-assisted Phase Transition of VO₂</p>	<p>Oral-58 Hailong Liu <i>Singapore University of Technology and Design, Singapore</i> Chalcogenide Color-Changing Plasmonic Pixels</p>	<p>Oral-61 Enoch Y. Park <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>Oral-56 Frank Wackenhut <i>University of Tubingen, Germany</i> Enhancement of Radiative Plasmon Decay by Hot Electron Tunneling</p>	<p>Oral-59 Ramon Paniagua Dominguez <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>Oral-62 Kai Chen <i>National Institute for Materials Science, Japan</i> AI nanoantennas for plasmon-enhanced infrared spectroscopy</p>
11:45-12:00	<p>Oral-57 Ai-Hua Li <i>Xiamen University, China</i> Cavity-mode tailored upconversion luminescence in Ag-capped NaLuF₄:Yb,Er micro-rod</p>	<p>Oral-60 Giorgio Adamo <i>Nanyang Technological University, Singapore</i> Color Tunable Perovskite Metamaterials</p>	<p>Oral-63 Olga Borovkova <i>Russian Quantum Center, Russia</i> Magnetoplasmonic Structure Design for Sensing Applications</p>
12:00-12:30	<p>IN-35 Ho Wai Howard Lee <i>Baylor University, USA</i> Gate Tunable Conducting Oxide Epsilon-Near-Zero Metasurfaces and Perfect Absorbers</p>	<p>IN-37 Alain Dereux <i>Université Bourgogne Franche-Comté, France</i> Characterization of CMOS metal based Dielectric Loaded Surface Plasmon Waveguide at telecom frequencies</p>	<p>IN-39 Dangyuan Lei <i>The Hong Kong Polytechnic University, Hong Kong</i> Gap plasmon enhanced optical spectroscopy in a plasmonic particle-on-film nanocavity</p>
12:30-13:30	Lunch		
	Room: 1st Conference Room (3F)		
	Session: THU-SP01 Chair: Ta-Jen Yen		
12:50-13:20	<p>SP-3 Lina Persechini</p>		

	<i>Nature Communications, UK</i> Publishing in Nature Communications
13:40-	City Tour

Date	Friday, May 26, 2017		
	Room: International Conference Hall (4F)		
	Session: FRI-PL1 Chair: L. (Kobus) Kuipers		
09:00-09:45	PL-5 Harry Atwater <i>California Institute of Technology, USA</i> Tunable Plasmonic Materials and Metasurfaces – from Quantum to Perfect		
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: Harry Atwater	Session: FRI-R1-S1 Chair: Dong Ha Kim	Session: FRI-R2-S1 Chair: Mikhail Noginov
10:45-11:15	IN-40 Martti Kauranen <i>Tampere University of Technology, Finland</i> Nonlinear Optics of Plasmonic Metasurfaces	IN-42 Dong Ha Kim <i>Ewha Womans University, Korea</i> Surface Plasmons for Advanced Optoelectronic Nanomaterials and Devices	IN-44 Yasushi Inouye <i>Osaka University, Japan</i> Nano-Metal Structures for Bio-Sensing and Bio-Imaging
11:15-11:30	Oral-64 Yu Hung Hsieh <i>National Tsing Hua University, Taiwan</i> All-dielectric slow light nanolaser based on metamaterials	Oral-66 Benjamin Vest <i>Laboratoire Charles Fabry, Institut d'Optique, France</i> Revisiting quantum optics with plasmons	Oral-68 Akira Baba <i>Niigata University, Japan</i> Gold Quantum Dots/Plasmonic Systems for Improvement of Organic Solar Cells
11:30-11:45	Oral-65 Emilie SAKAT <i>CNRS, Laboratoire Charles Fabry, France</i> Harnessing blackbody radiation of hot nanoemitters with plasmonic nanoantennas	Oral-67 Deng Pan <i>The Institute of Photonic Sciences, Spain</i> Exotic Thermal Vacuum Torque of a Nanosphere under Magnetic Field	Oral-69 Nicolae C Panoiu <i>University College London, England</i> Giant Plasmon-Induced Enhancement of Third-Harmonic Generation in Double-Layer Graphene Gratings
11:45-12:15	IN-41 Pin Chieh Wu <i>Academia Sinica, Taiwan</i> Light Control with Photonic Metasurfaces	IN-43 Na Liu <i>Max-Planck-Institut für Intelligente Systeme, Germany</i> Dynamic plasmonic colour display	IN-45 Jeongyong Kim <i>Sungkyunkwan University, 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: Zhijun Sun Hai-Pang Chiang	Session: FRI-R1-S2 Chair: Jaebeom Lee Akira Baba	Session: FRI-R2-S2 Chair: Jeongyong Kim Hung-Chih Kan
13:35-14:05	IN-46 Javier Aizpurua <i>Center for Materials Physics in San Sebastian (CSIC-UPV/EHU) and DIPC, Spain</i> Molecular optomechanics in plasmonic cavities	IN-48 Philippe Lalanne <i>CNRS, France</i> Rigorous modal analysis of optical resonators	IN-50 Prabhat Verma <i>Osaka University, Japan</i> White Nano-Light-Source through Plasmon Nanofocusing for Background-Free NSOM and TERS Imaging
14:05-14:20	Oral-70 Wei-Shun Chang <i>Rice University, USA</i> Ultrafast Dynamics on Single Aluminum Nanostructures	Oral-73 Thang Duy Dao <i>National Institute for Materials Science, Japan</i> Spectrally-Selective Infrared Detectors using Hole Array Perfect Absorbers	Oral-76 Yao Zhang <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	Oral-71 Gilad Rosenblatt	Oral-74 Yi-Ciang Jhang	Oral-77 James T Hugall

	<i>Technion - Israel Institute of Technology, Israel</i> Brewster Plasmons – The Second Plasmonic Degree of Freedom	<i>National Taipei University of Technology, Taiwan</i> Tailored admittance and refractive index of a stratiform metamaterial for high efficient light absorption	<i>ICFO - Institute of Photonic Sciences, Spain</i> Nanoscale optimization of cavity-coupling strength g for ultrabright single photon sources
14:35-14:50	Oral-72 Yuan Zhang <i>Aarhus University, Denmark</i> Quantum theory for plasmonic nano-laser with multi-level molecules: optical pumping and molecular randomness	Oral-75 Igal Brener <i>Sandia National Laboratories, USA</i> III-V Dielectric Metamaterials: A New Platform for Linear and Nonlinear Optics	Oral-78 Thomas Phillip Darlington <i>Lawrence Berkeley National Laboratory, USA</i> Developing High Performance Near-Field Optical Probes using Surface Plasmon Polaritons
14:50-15:20	IN-47 Cesare Soci <i>Nanyang Technological University, Singapore</i> Plasmonics in Topological Insulators	IN-49 Masanobu Haraguchi <i>Tokushima University, Japan</i> Fabrication of split ring resonator for near infrared region by nanosphere lithography	IN-51 Takumi Sannomiya <i>Tokyo Institute of Technology, Japan</i> Phase Measurement of Plasmonic Nanoparticles by STEM Cathodoluminescence
15:20-15:50	Coffee Break		
	Session: FRI-IC-S3 Chair: Javier Aizpurua Wei-Shun Chang	Session: FRI-R1-S3 Chair: Masanobu Haraguchi Wei-Hsuan Hung	Session: FRI-R2-S3 Chair: Prabhat Verma Yu-Ju Hung
15:50-16:05	(15:50-16:20) IN-52 Bert Hecht <i>University of Würzburg, Germany</i> Controlled strong coupling of a single quantum dot to a plasmonic nanoresonator at room temperature	(15:50-16:20) IN-53 Kyoko Namura <i>Kyoto University, Japan</i> Microparticle handling method based on thermoplasmonic Marangoni effects.	Oral-83 Antonio Isaac Fernández-Domínguez <i>Universidad Autónoma de Madrid, Spain</i> Transformation Optics Approach to Plasmon-Exciton Strong Coupling in Nanocavities
16:05-16:20			Oral-84 Gerard Colas des Francs <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	Oral-79 Elizabeth Boer-Duchemin <i>Université Paris-Sud, France</i> Surface plasmon polariton beams from an electrically excited plasmonic crystal	Oral-81 Kenzo Yamaguchi <i>Kagawa University, Japan</i> Multiple hotspots from Ag nanowire on mirror	Oral-85 Alexey V. Krasavin <i>King's College London, UK</i> Nonlocal Nonlinear Plasmonics in Hydrodynamic Description
16:35-16:50	Oral-80 Volker Deckert <i>Leibniz-Institut für Photonische Technologien (IPHT), Germany</i> High Resolution Tip-Enhanced Raman Spectroscopy Current State of Theory and Experiment	Oral-82 Daniel Andren <i>Chalmers University of Technology, Sweden</i> Nanoscale photothermal effects on optically trapped rotating gold nanorods	Oral-86 Ruzan Sokhoyan <i>California Institute of Technology, USA</i> Field Effect Modulation of Conducting Oxide Metasurfaces for Continuous Beam Steering
16:50-17:00	Break		
17:00-17:20	Award & Closing Ceremony		