

Tuesday, August 30

Michele Pujol Room - A

8:45-9:00	Opening Ceremony - Alex Brolo
9:00-9:30	Plenary: W. Bowen
	Chair: Vahid Sandoghdar
9:30-10:30	Session A1: Novel Theoretical Approaches to Nano-optics
	Chair: Ruben Esteban
9:30-10:00	S. De Liberato - Invited
10:00-10:15	C. Lanza
10:15-10:30	J. Ren
10:30-11:00	Coffee Break - Vertigo Room
11:00-12:00	Session A2: Metamaterials and Metasurfaces I
	Chair: Yuri Kivshar
11:00-11:30	G. Bartal - Invited
11:30-11:45	E. Bailly
11:45-12:00	M. Liebrau
12:00-12:30	Session A3: Photochemistry and Hot Electrons I
	Chair: Pierre Berini
12:00-12:15	O. Henrotte
12:15-12:30	G. W. Leach
12:30-1:30	Lunch - Vertigo Room
1:30-2:30	Session A4: 2D Materials I
	Chair: Pablo Alonso-González
1:30-2:00	A. Jorio - Invited
2:00-2:15	M. Obst
2:15-2:30	P. Tang
2:30-5:00	Session A5: Enhanced Spectroscopies (Fluorescence, IR, THz, Raman)
	Chair: Markus Raschke
2:30-2:45	Y. Sivan
2:45-3:00	C. Maciel Escudero
3:00-3:30	Coffee Break - Vertigo Room
3:30-5:00	Enhanced Spectroscopies (Fluorescence, IR, THz, Raman) - Cont.
3:30-3:45	R. Esteban
3:45-4:00	canceled
4:00-4:15	J. Aizpurua
4:15-4:30	T. Saiki
4:30-4:45	A. G. Brolo
4:45-5:00	M. E. Temperini
5:00-7:00	Poster Session A Vertigo Room

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9:30-10:30	Session B1: Nanoplasmonics and Optical Antennas I
	Chair: Jer-Shing Huang
9:30-10:00	C. Galland - Invited
10:00-10:15	canceled
10:15-10:30	M. Becker
10:30-11:00	Coffee Break - Vertigo Room
11:00-12:30	Session B2: Nanoimaging I
	Chair: Guillaume Baffou
11:00-11:30	A. Polman - Invited
11:30-11:45	canceled
11:45-12:00	A. Arbouet
12:00-12:15	canceled
12:15-12:30	N. Granchi
12:30-1:30	Lunch - Vertigo Room
1:30-2:30	Session B3: Biophotonics and Emerging Applications (Energy, Info, Bio) I
	Chair: Frank Vollmer
1:30-2:00	K. Crozier - Invited
2:00-2:15	K. Uchiyama
2:15-2:30	N. Fardian-Melamed
2:30-2:45	M. Bénéfice
2:45-5:00	Session B4: Nanoplasmonics and Optical Antennas II
	Chair: Christophe Galland
2:45-3:00	D. Friedrich
3:00-3:30	Coffee Break - Vertigo Room
3:30-5:00	B4: Nanoplasmonics and Optical Antennas II - Cont.
3:30-3:45	P. Pertsch
3:45-4:00	R. Mayer
4:00-4:15	P. A. Gonçalves
4:15-4:30	G. P. Acuna
4:30-4:45	M. Mayer
4:45-5:00	L. Abou-Hamdan
5:00-7:00	Poster Session A Vertigo Room

Tuesday, August 30 - Oral Sessions A (see NFO16 website for abstracts)

Session	Title	Author First Name	Author Last Name	Author Organization
Session A1: Novel Theoretical Approaches to Nano-optics - Chair: Rebut Esteban				
A1-1	Invited: Nanophotonics and Optoelectronics with surface phonon polaritons	Simone	De Liberato	University of Southampton, United Kingdom
A1-2	Anisotropic Polaritons in Heterostructures made of Rotated Thin Layers and Dielectric Spacers	Christian	Lanza	Universidad de Oviedo, Spain
A1-3	Quasinormal mode theory of Purcell factors and chiral radiation from nanophotonic resonators near an exceptional point	Juanjuan	Ren	Queen's University, Canada
Session A2: Metamaterials and Metasurfaces I - Chair: Yuri Kivshar				
A2-1	Invited: Topological transitions and surface umklapp scattering in periodically- modulated metasurfaces beyond the effective medium	Guy	Bartal	Technion - Israel institute of technology, Israel
A2-2	Quantitative modelling and engineering of photoluminescence from light-emitting metasurfaces via absorption calculations	Elise	Bailly	Institut d'Optique, France
A2-3	Nanophotonics controlling free-electron-light-matter interactions	Matthias	Liebtrau	NWO-Institute AMOLF, The Netherlands
Session A3: Photochemistry and Hot Electrons I - Chair: Pierre Berini				
A3-1	2D chemical mapping of light driven reactions by plasmonic nanostructures	Olivier	Henrotte	RCPTM - CATRIN, Palacký University Olomouc, Czech Republic
A3-2	Hot Electron Extraction Enabled by Single-Crystal Metal Films and Nanostructures	Gary W.	Leach	Simon Fraser University, Canada
Session A4: 2D Materials I - Chair: Pablo Alonso-González				
A4-1	Invited: TERS study of phonon localization in low-angle twisted bilayer graphene and other two-dimensional Systes	Ado	Jorio	Universidade Federal de Minas Gerais, Brazil
A4-2	THz-Light Canalization by Phonon Polaritons in 2D van der Waals Materials	Maximilian	Obst	Technische Universität Dresden, Germany
A4-3	Imaging the Bandgap Shifting in WxMo1-xS2 by Near-Field Broadband Transmittance Microscopy	Po-Wen	Tang	Academia Sinica, Taiwan
Session A5: Enhanced Spectroscopies (Fluorescence, IR, THz, Raman) - Chair: Markus Raschke				
A5-0	"Hot" Photoluminescence from metals – theory and comparison to experiments	Yonatan	Sivan	Ben-Gurion University, Israel
A5-1	Probing vibrational strong coupling with tip-enhanced near-field spectroscopy	Carlos	Maciel Escudero	CIC NanoGUNE - BRTA, Spain
A5-2	Molecular optomechanics to address the Raman signal from organic molecules in complex plasmonic nanocavities	Rubén	Esteban	Center for Material Physics (CSIC – UPV/EHU), Spain
A5-3	canceled			
A5-4	Atomically-resolved luminescence mapping of Lamb shift, Stark and Purcell effects from a single chromophore-picocavity junction	Javier	Aizpurua	Center for Materials Physics (CSIC-UPV/EHU) and DIPC, Spain
A5-5	Single-millisecond SERS measurement of DNA oligonucleotides with single-base resolution using gold nanoparticle dimers under Brownian motion	Toshiharu	Saiki	Keio University, Japan
A5-6	Dynamic Single-Molecule SERS Fluctuations in an Aqueous Environment	Alexandre G.	Brolo	University of Victoria, Canada
A5-7	Exosome detection using a double resonant nanoantenna device in the mid-infrared range	Maria Eleonora	Temperini	Sapienza University of Rome, Italy

Tuesday, August 30 - Oral Sessions B (see NFO16 website for abstracts)

Session	Title	Author First Name	Author Last Name	Author Organization
Session B1: Nanoplasmonics and Optical Antennas I - Chair: Jer-Shing Huang				
B1-1	Invited: Mid-IR to Visible Optomechanical Transduction with Molecules in a Nanocavity	Christophe	Galland	Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
B1-2	canceled			
B1-3	Using a novel scanning probe technique to strongly couple a single quantum dot to a tunable plasmonic nanogap antenna at room-temperature	Michael	Becker	Max Planck Institute for the Science of Light, Germany
Session B2: Nanoimaging I - Chair: Guillaume Baffou				
B2-1	Invited: Holography, nanothermometry, and quantum correlations in extreme near fields probed with high-energy electrons	Albert	Polman	NWO-institute AMOLF, The Netherlands
B2-2	canceled			
B2-3	Inelastic in-line holography in an ultrafast electron microscope	Arnaud	Arbouet	CEMES-CNRS, France
B2-4	canceled			
B2-5	Near-field optical study of Hyperuniform Disordered photonic structures	Nicoletta	Granchi	European Laboratory for Non-linear Spectroscopy, LENS, Italy
Session B3: Biophotonics and Emerging Applications (Energy, Info, Bio) I - Chair: Frank Vollmer				
B3-1	Invited: Nanophotonics-Enabled Mid-Infrared Microspectrometers For Chemical Identification and Related Topics	Kenneth	Crozier	University of Melbourne, Australia
B3-2	Order Structure Recognition by Schubert Polynomials Generated by Optical Near-Field Statistics via Nanometer-Scale Photochromism	Kazuharu	Uchiyama	University of Yamanashi, Japan
B3-3	Seeing the Forces: Single Avalanching Upconverting Nanoparticles as Ultrasensitive Local Force Transducers	Natalie	Fardian-Melamed	Columbia University, United States
B3-4	Imaging life at high temperature enabled by plasmonic heating	Maëlle	Bénéfice	Institut Fresnel - CNRS, France
Session B4: Nanoplasmonics and Optical Antennas II - Chair: Christophe Galland				
B4-1	Strong coupling of semiconductor nanocrystals with plasmonic resonators at ambient conditions	Daniel	Friedrich	University of Würzburg, Germany
B4-2	Tunable nano-plasmonic photodetectors	Patrick	Pertsch	University of Würzburg, Germany
B4-3	Engineering polariton launchers for nanophotonic chips	Rafael	Mayer	Brazilian Synchrotron Light Laboratory (LNLS), Brazil
B4-4	Harnessing electron beams to unveil quantum effects in nanoplasmonics	P. André	Gonçalves	ICFO - The Institute of Photonic Sciences, Spain
B4-5	Unidirectional DNA-origami based ultracompact optical antennas for single molecule emission	Guillermo Pedro	Acuna	University of Fribourg, Switzerland
B4-6	Conformational Dynamics of Single Proteins – Exciting Opportunities with Plasmonic Optical Tweezers	Michael	Mayer	University of Fribourg, Switzerland
B4-7	Near- and far-field properties of few element mid-infrared subwavelength antennas	Loubnan	Abou-Hamdan	Institut Langevin/ONERA, France