

<b>Friday, September 2</b>	
	Michele Pujol Room - A
<b>9:00-9:30</b>	<b>Plenary: P. Kukura</b>
	Chair: Reuven Gordon
<b>9:30-10:30</b>	<b>Session A14: Optical Trapping and Manipulation II</b>
	Chair: Reuven Gordon
9:30-10:00	M. Mayer
10:00-10:15	Ghazal Hajisalem
10:15-10:30	G. Schnoering
<b>10:30-11:00</b>	<b>Coffee Break - Vertigo Room</b>
<b>11:00-12:30</b>	<b>Session A15: Nanoimaging II</b>
	Chair: Albert Polman
11:00-11:15	S. Sotgiu
11:15-11:30	J. Yu
11:30-11:45	A. Huber
11:45-12:00	L. Mester
12:00-12:15	J. Gaida
12:15-12:-30	J. Zhou
<b>12:30-1:30</b>	<b>Lunch - Vertigo Room</b>
<b>1:30-3:00</b>	<b>Session A16: 2D Materials III</b>
	Chair: Olivier Martin
1:30-1:45	F. Maia
1:45-2:00	J. Martín-Sánchez
2:00-2:15	C. Eugenio
2:15-2:30	L. Orsini
<b>2:30-3:00</b>	<b>Session A17: Heat at the Nanoscale</b>
	Chair: Guillaume Baffou
2:30-2:45	canceled
2:45-3:00	M. Pinar Mengüç
<b>3:00-3:30</b>	<b>Coffee Break - Vertigo Room</b>
<b>3:30-4:30</b>	<b>Session A18: Quantum Applications: Information Science and Sensing</b>
	Chair: Ghazal Hajisalem
3:30-3:45	S. Timsina
3:45-4:00	M. H. Eriksen
4:00-4:15	F. Junior
4:15-4:30	B. Behera
4:30-4:45	(break)
<b>4:45-5:00</b>	<b>Closing Remarks: Reuven Gordon</b>

**Friday, September 2**

Michele Pujol Room - B

**9:30-10:30****Session B14: Metamaterials and Metasurfaces V**

Chair: Jer-Shing Huang

9:30-9:45

A. Nguyen

9:45-10:00

O. J. F. Martin

10:00-10:15

L. Mascaretti

10:15-10:30

(break)

**10:30-11:00****Coffee Break - Vertigo Room****11:00-12:30****Session B15: Nanoplasmonics and Optical Antennas V**

Chair: Rainer Hillenbrand

11:00-11:15

J. Huang

11:15-11:30

R. Arul

11:30-11:45

B. Schurr

11:45-12:00

B. Hecht

12:00-12:15

L. Jakob

12:15-12:30

B. Kalinic

**12:30-1:30****Lunch - Vertigo Room****1:30-3:00****Session B16: Photochemistry and Hot Electrons II**

Chair: Gary Leach

1:30-2:00

P. Berini - Invited

2:00-2:15

Y. Sivan

2:15-2:30

A. Loirette-Pelous

2:30-2:45

Y. Sivan

**2:45-3:00****Session B17: Nanoplasmonics and Optical Antennas VI**

Chair: Klas Lindfors

2:45-3:00

S. Gresillon

**3:00-3:30****Coffee Break - Vertigo Room****3:30-4:30****Session B17: Nanoplasmonics and Optical Antennas VI - Cont.**

3:30-3:45

F. Lamaze

3:45-4:00

K. Braun

4:00-4:15

M. Mivelle

4:15-4:30

S. Park

4:30-4:45

N. Large

**4:45-5:00****Closing Remarks: Reuven Gordon**

in MichelePujol Room - A

**Friday, September 2 - Oral Sessions A (see NFO16 website for abstracts)**

Session	Title	Author First Name	Author Last Name	Author Organization
<b>Session A14: Optical Trapping and Manipulation II - Chair: Reuven Gordon</b>				
A14-1	Thermal Unfolding and Refolding Trajectory of Single Calmodulin Proteins by Plasmonic Optical Tweezers	Michael	Mayer	University of Fribourg, Switzerland
A14-2	Polarization dependence of double nanohole tweezers for localization and orientation	Ghazal	Hajisalem	University of Victoria, Canada
A14-3	Manipulating and characterizing individual bio-particles in nanochannels	Gabriel	Schnoering	ETH Zürich, Switzerland
<b>Session A15: Nanoimaging II - Chair: Albert Polman</b>				
A15-1	Photothermal expansion nanoscopy of the strong coupling between a patch nanoantenna and a semiconductor quantum well	Simone	Sotgiu	University of Rome, La Sapienza, Italy
A15-2	Manipulating the Fluorescence Contrast in Gel/Fluid phases of Lipid Bilayers	Jia-Ru	Yu	Academia Sinica, Taiwan
A15-3	Infrared correlation nanoscopy with unprecedented spectral coverage	Andreas	Huber	attocube systems AG, Germany
A15-4	High-fidelity nano-FTIR spectroscopy by on-pixel normalization of signal harmonics	Lars	Mester	attocube systems AG, Germany
A15-5	Defocus Phase Contrast in Photon-Induced Near-Field Electron Microscopy	John	Gaida	MPI for Multidisciplinary Sciences
A15-6	Near-field optical mapping of Dark excitons at room temperature based on Nano-imprinted pyramid probe	Junze	Zhou	Lawrence Berkeley National Laboratory, United States
<b>Session A16: 2D Materials III - Chair: Olivier Martin</b>				
A16-1	Nano-optics of Epsilon Near Zero materials on metallic substrates	Francisco	Maia	State University of Campinas (UNICAMP), Brazil
A16-2	Focusing of In-plane Hyperbolic Polaritons in Van der Waals Crystals with Tailored Infrared Nanoantennas	Javier	Martín-Sánchez	Universidad de Oviedo, Spain
A16-3	Observation of phonon polaritons in multilayer hexagonal boron nitride films grown by chemical vapor deposition	Calandrini	Eugenio	CIC NanoGUNE - BRTA, Spain
A16-4	Anomalous coupling in hyperbolic medias	Lorenzo	Orsini	ICFO - The Institute of Photonic Sciences, Spain
<b>Session A17: Heat at the Nanoscale - Chair: Guillaume Baffou</b>				
A17-1	canceled			
A17-2	Ordered and Disordered Porous Nanostructures for Passive Radiative Cooling	M. Pinar	Mengüç	Ozyegin University, Turkey
<b>Session A18: Quantum Applications: Information Science and Sensing - Chair: Ghazal Hajisalem</b>				
A18-1	SQUEEZED STATES FROM PHOTONIC COOPER PAIRS	Sanker	Timsina	University of Victoria, Canada
A18-2	Electro-optical control of atomic bistability with graphene	Mikkel Have	Eriksen	University of Southern Denmark, Denmark
A18-3	Study of correlated Stokes and anti-Stokes components in Surface-enhanced Raman Scattering	Filomeno	Junior	University of Victoria, Canada
A18-4	Sensing angular momentum of light using cavity optomechanical coupled oscillator system	Bishnupada	Behera	University of Calgary, Canada

**Friday, September 2 - Oral Sessions B (see NFO16 website for abstracts)**

Session	Title	Author First Name	Author Last Name	Author Organization
<b>Session B14: Metamaterials and Metasurfaces V - Chair: Jer-Shing Huang</b>				
B14-1	Circularly polarized light emission by incandescent metasurfaces	Anne	Nguyen	Institut d'Optique, France
B14-2	Multipoles zoology made simple	Olivier J.F.	Martin	Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland
B14-3	Solar steam generation on scalable ultrathin thermoplasmonic TiN nanocavity arrays	Luca	Mascaretti	Palacký University Olomouc, Czechia
<b>Session B15: Nanoplasmonics and Optical Antennas V - Chair: Rainer Hillenbrand</b>				
B15-1	Influence of plasmonic substrate on the whispering-gallery modes in a $\pi$ -conjugated polymer microsphere	Jer-Shing	Huang	Leibniz Institute of Photonic Technology, Germany
B15-2	Giant mid-IR resonant coupling to molecular vibrations in plasmonic nanogaps	Rakesh	Arul	University of Cambridge, United Kingdom
B15-3	A nanoscale plasmonic Su-Schrieffer-Heeger chain	Benedikt	Schurr	University of Würzburg, Germany
B15-4	Light-driven microdrones	Bert	Hecht	University of Würzburg, Germany
B15-5	Nonlinear Pumping of Molecular Vibrations in Plasmonic Nanocavities	Lukas	Jakob	University of Cambridge, United Kingdom
B15-6	Strong Er <sup>3+</sup> radiative emission enhancement by quasi-BIC modes coupling in all-dielectric slot nanoantenna arrays	Boris	Kalinic	University of Padova, Italy
<b>Session B16: Photochemistry and Hot Electrons II - Chair: Gary Leach</b>				
B16-1	Invited: Plasmonic hot carriers and their application in catalysis	Pierre	Berini	University of Ottawa, Canada
B16-2	Hot electrons in metal nanostructures – “reality” or “fake news”?	Yonatan	Sivan	Ben-Gurion University of the Negev, Israel
B16-3	Theory of metallic nanostructures photoluminescence under continuous pumping	Aurelian	Loirette--Pelous	Paris-Saclay University, France
B16-4	Distinguishing thermal from non-thermal (“hot”) carriers in illuminated molecular junctions	Yonatan	Sivan	Ben-Gurion University, Israel
<b>Session B17: Nanoplasmonics and Optical Antennas VI - Chair: Klas Lindfors</b>				
B17-1	Far-field wavefront optimization of the near-field of disordered plasmonic metasurfaces	Samuel	Gresillon	Institut Langevin, Sorbonne Université, France
B17-2	Tuning surface lattice resonance energy levels and their degeneracy by breaking isotropy of nanoparticles arrays	Florian	Lamaze	L2N - University of Technology of Troyes, France
B17-3	Optical antennas driven by inelastic tunnel junctions	Kai	Braun	University of Tuebingen, Germany
B17-4	Generating ultrafast stationary magnetic fields with light in a plasmonic nanostructure	Mathieu	Mivelle	Sorbonne Université, CNRS, France
B17-5	Spectroscopic Mapping of Plasmonic Dynamics on the Surface of Nanoparticle Plasmonic Particles	Sung	Park	Molecular Vista Inc., United States
B17-6	Acousto-Plasmonic Coupling: The Raman Energy Density (RED)	Nicolas	Large	Univeristy of Texas at San Antonio, United States