Thursday, September 1	
Michele Pujol Room - A	
9:00-9:30	**Plenary: N. J. Halas**
	Chair: David Norris
9:30-10:30	**Session A10: 2D Materials II**
	Chair: Ado Jorio
9:30-10:00	P. Alonso-González - Invited
10:00-10:15	F. C. Barbosa Maia
10:15-10:30	Canceled
10:30-11:00	**Coffee Break - Vertigo Room**
11:00-12:00	**Session A11: Optical Trapping and Manipulation I**
	Chair: Mirali Seyed Shariatdoust
11:00-11:15	M. Mayer
11:15-11:30	O. J. F. Martin
11:30-11:45	K. Akbari
11:45-12:00	Q. Jiang
12:00-12:30	**Session A12: Metamaterials and Metasurfaces IV**
	Chair: Romain Quidant
12:00-12:30	R. Sapienza - Invited
12:30-1:30	**Lunch - Vertigo Room**
1:30-2:30	**Session A12: Metamaterials and Metasurfaces IV - Cont.**
1:30-2:00	S. Maier - Invited
	Session: Novel Theoretical Approaches to Nano-optics
2:00-2:30	S. De Liberato - Invited
2:30-3:00	**Session A13: Nanoplasmonics and Optical Antennas IV**
	Chair: Kai Braun
2:30-2:45	K. Munechika
2:45-3:00	J. Symonowicz
3:00-3:30	**Coffee Break - Vertigo Room**
3:30-5:00	**A13: Nanoplasmonics and Optical Antennas IV - Cont.**
3:30-3:45	E. Boer-Duchemin
3:45-4:00	P. Y. Wu
4:00-4:15	A. Bouhelier
4:15-4:30	M. Sanz-Paz
4:30-4:45	F. Rusconi
4:45-5:00	H. Lourenço-Martins
5:00-7:00	**Poster Session B** Awards: Best Poster Awards: Best Paper - Thursday

Thursday, September 1	
	Michele Pujol Room - B
9:30-10:30	**Session B9: Biophotonics and Emerging Applications (Energy, Info, Bio) II**
	Chair: Kenneth Crozier
9:30-10:00	F. Vollmer - Invited
10:00-10:15	H. Bechtel
10:15-10:30	V. Deckert
10:30-11:00	**Coffee Break - Vertigo Room**
11:00-12:30	**B9: Biophotonics & Emerging Applications (Energy, Info, Bio) II - Cont.**
11:00-11:15	F. Keilmann
11:15-11:30	R. Puro
11:30-11:45	M. Raschke
11:45-12:30	**Session B10: Tip Enhanced Methods**
	Chair: Markus Raschke
11:45-12:00	P. Biagioni
12:00-12:15	S. Gilbert Corder
12:15-12:30	R. Polito
12:30-1:30	**Lunch - Vertigo Room**
1:30-3:00	**B11 - Hot Electrons and Photochemistry**
	Chair: Naomi Halas
1:30-2:00	J. Dionne - Invited
2:00-3:00	**Session B12: Other Emerging Areas of Near-field Optics and Nanophotonics II**
	Chair: Jeremy Baumberg
2:00-2:15	B. Hecht
2:15-2:30	F. Kaps
2:30-2:45	J. Plain
2:45-3:00	S. Arora
3:00-3:30	**Coffee Break - Vertigo Room**
3:30-5:00	**B12: Other emerging areas of near-field optics and nanophotonics II - Cont.**
3:30-3:45	E. Stamatopoulou
	Session B13: Nonlinear Optics
	Chair: Ghazal Hajisalem
3:45-4:00	J. Cox
4:00-4:15	M. Karimi
4:15-4:30	F. Dell'Ova
4:30-4:45	F. Iyikanat
4:45-5:00	S. Beer
5:00-7:00	**Poster Session B** Vertigo Room

Thursday, September 1 - Oral Sessions A (see NFO16 website for abstracts)

Session	Title	Author First Name	Author Last Name	Author Organization
Session A10: 2D Materials II - Chair: Ado Jorio				
A10-1	Invited: Nanooptics with anisotropic 2D materials	Pablo	Alonso-González	Universidad de Oviedo, Spain
A10-2	Controlling the dynamical photonic properties of phonon-polaritons in two-dimensional crystals by engineering dielectric-metallic substrates	Francisco Carlos	Barbosa Maia	Brazilian Synchrotron Light Laboratory, Brazil
A10-3	canceled			
Session A11: Optical Trapping and Manipulation I - Chair: Mirali Seyed Shariatdoust				
A11-1	Interrogating Single Molecule Kinetics of Citrate Synthase with Plasmonic Optical Tweezers	Michael	Mayer	University of Fribourg, Switzerland
A11-2	Efficient optically-driven nanomotor designed by deep learning	Olivier J.F.	Martin	Swiss Federal Institute of Technology Lausanne (EPFL), Switzerland
A11-3	Optical Manipulation of Matter Waves	Kamran	Akbari	ICFO - The Institute of Photonic Sciences, Spain
A11-4	Plasmonic nano-optical tweezers towards single quantum dots trapping	Quanbo	Jiang	Université de Technologie de Troyes, France
Session A12: Metamaterials and Metasurfaces IV - Chair: Romain Quidant				
A12-1	Invited: Time-varying and reconfigurable driven photonics	Riccardo	Sapienza	Imperial College London, United Kingdom
A12-2	Invited: Metasurfaces for energy conversion and optical information processing	Stefan	Maier	Monash University, Australia
Session: Novel Theoretical Approaches to Nano-optics - Chair: Romain Quidant				
	Invited: Nanophotonics and Optoelectronics with surface phonon polaritons	Simone	De Liberato	University of Southampton, United Kingdom
Session A13: Nanoplasmonics and Optical Antennas IV - Chair: Kai Braun				
A13-1	Wafer scale production of optical transformer-based Campanile scanning near-field probes integrated on an AFM cantilever	Keiko	Munechika	HighRI Optics Inc., United States
A13-2	Real-Time In-Situ Optical Tracking of Oxygen Vacancy Migration in Memristors	Joanna	Symonowicz	University of Cambridge, United Kingdom
A13-3	Electrical excitation of surface plasmon polaritons with a nano-antenna tunneling junction	Elizabeth	Boer-Duchemin	Université Paris-Saclay, France
A13-4	Routing the Second-Harmonics Generated from a WSe2 Monolayer in a Plasmonic Nanocircuit	Pei Yuan	Wu	National Tsing Hua University, Taiwan
A13-5	Exploring electrically-induced light emission mechanisms in memristive optical gap antennas	Alexandre	Bouhelier	CNRS - French National Centre for Scientific Research, France
A13-6	DNA origami assembled nanoantennas for manipulating single-molecule spectral emission	Maria	Sanz-Paz	Universite de Fribourg, Switzerland
A13-7	Mid-infrared dielectric antennas on ENZ substrates	Francesco	Rusconi	Politecnico di Milano, Italy
A13-8	Mode-selective imaging and control of nano-plasmonic near-fields	Hugo	Lourenço-Martins	Max Planck Institute for Multidisciplinary Sciences, Germany & CEMES-CNRS, Université de Toulouse, France

Thursday, September 1 - Oral Sessions B (see NFO16 website for abstracts)				
Session	**Title**	**Author First Name**	**Author Last Name**	**Author Organization**
Session B9: Biophotonics and Emerging Applications (Energy, Info, Bio) II - Chair: Kenneth Crozier				
B9-1	Invited: Molecules on Whispering Gallery Modes: Single Molecule Sensing and Beyond	Frank	Vollmer	University of Exeter, United Kingdom
B9-2	Viewing interfacial chemistry through a graphene window	Hans	Bechtel	Lawrence Berkeley National Laboratory, United States
B9-3	Viral Diagnosis using Nanoscale Vibrational Spectroscopy	Volker	Deckert	FSU Jena, Germany
B9-4	IR nanoscopy of flat-membrane-covered living cells in water	Fritz	Keilmann	LMU, Nanoinstitute, Germany
B9-5	Vibrational exciton nanoscopy: a molecular ruler to image structure, coupling, and disorder on their elementary scales	Richard	Puro	University of Colorado Boulder, United States
B9-6	In-situ biological, chemical, and environmental nano-imaging using in liquid infrared scattering scanning near-field optical microscopy	Markus	Raschke	University of Colorado, United States
Session B10: Tip Enhanced Methods - Chair: Markus Raschke				
B10-1	Modelling photothermal induced resonance microscopy: the role of interface thermal resistances	Paolo	Biagioni	Politecnico di Milano, Italy
B10-2	Synchrotron Infrared Nanospectroscopic Measurements of Biaxial Anisotropy: Hyperbolic Phonon Polaritons and a Novel Method for Determining the In-Plane Permittivity	Stephanie	Gilbert Corder	Lawrence Berkeley National Laboratory, United States
B10-3	Tip-enhanced infrared nanospectroscopy of proteins in individual lipid membrane patches and extracellular vesicles	Raffaella	Polito	Sapienza University of Rome, Italy
Session B11: Hot Electrons and Photochemistry - Chair: Naomi Halas				
B11-1	Invited: Bridging atomic and reactor scales in plasmon catalysis for efficient, selective, and sustainable chemistry	Jennifer	Dionne	Stanford University, United States
Session B12: Other Emerging Areas of Near-field Optics and Nanophotonics II - Chair: Jeremy Baumberg				
B12-1	Electrically-connected antennas and nano-circuitry	Bert	Hecht	University of Würzburg, Germany
B12-2	Polarization-sensitive near-field optical microscopy in the mid-infrared wavelength regime	Felix	Kaps	Technische Universität Dresden, Germany
B12-3	Colloidal Aluminum Nanoparticles for UV plasmonic	Jérôme	Plain	University of technology of Troyes and CNRS, France
B12-4	Direct investigation of Anderson localization in topologically non-trivial photonic crystals	Sonakshi	Arora	Delft University of Technology, The Netherlands
B12-5	Disentangling cathodoluminescence spectra in dielectric nanoparticles: role of transition radiation	Elli	Stamatopoulou	University of Southern Denmark, Denmark
Session B13: Nonlinear Optics - Chair: Ghazal Hajisalem				
B13-1	Nonlinear and quantum nano-optics with atomically-thin materials	Joel	Cox	University of Southern Denmark, Denmark
B13-2	Time-varying gradient metasurface with all-optical beam steering applications	Mohammad	Karimi	University of Ottawa, Canada
B13-3	The case of nonlinear photoluminescence in plasmonics	Florian	Dell'Ova	ICB - UBFC, France
B13-4	Tunable vibrational nonlinear response in monolayer hBN	Fadil	Iyikanat	ICFO - The Institute of Photonic Sciences, Spain

B13-5	Second harmonic generation under doubly resonant lattice plasmon excitation	Sebastian	Beer	Friedrich Schiller University, Germany