

New York Time (UTC-4)	Donostia Time (UTC+2)	MONDAY, July 13	
09:00-09:45	15:00-15:45	WELCOME AND PLENARY SESSION P1	
09:00-09:10	15:00-15:10	Welcome	
09:10-09:45	15:10-15:45	Plenary Session P1 - Chair: Frank Koppens Federico Capasso Advances in Structured light with metasurfaces	
09:45-09:50	15:45-15:50	BREAK	
09:50-11:00	15:50-17:00	PARALLEL SESSION M1 (Invited) Chair: Frank Koppens	PARALLEL SESSION M2 (Invited) Chair: Hugen Yan
09:50-10:25	15:50-16:25	Rainer Hillenbrand Nanophotonics with phonon polaritons in 2D materials	Sergey Ganichev Photocurrents driven by THz electric field in graphene-based 2D materials
10:25-11:00	16:25-17:00	Irina Grigorieva Strained bubbles in van der Waals heterostructures as local emitters of photoluminescence with adjustable wavelength	Marco Polini Photon condensation in 2D materials
11:00-11:15	17:00-17:15	BREAK	
11:15-12:35	17:15-18:35	PARALLEL SESSION M3 Chair: Alexey Kuzmenko	PARALLEL SESSION M4 Chair: Hanan Herzig-Sheinfux
11:15-11:35	17:15-17:35	Rasmus H. Godiksen Correlated exciton fluctuations in a two-dimensional semiconductor	Alexander Gaeta Phonon-Polariton-Enhanced Nonlinearity in Hexagonal Boron Nitride
11:35-11:55	17:35-17:55	Eric Le Moal Inelastic tunneling-induced luminescence of excitons in monolayer MoSe2 and WS2	Thomas Taubner Phonon-enhanced near-field spectroscopy to extract the local electronic properties of buried 2D electron systems in oxide heterostructures
11:55-12:15	17:55-18:15	Patryk Kusch Nanoimaging Propagating Exciton Polaritons in van der Waals Materials	Javier Taboada-Gutiérrez Broad Spectral Tuning of Ultra-Low Loss Polaritons in a van der Waals Crystal by Intercalation
12:15-12:35	18:15-18:35	Ronja Khelifa Coupling the excitonic emission from TMDCs to h-BN disk resonators	Thales Oliveira Visualization of Terahertz Hyperbolic Polaritons in α -MoO ₃
12:35-12:50	18:35-18:50	BREAK	
12:50-14:10	18:50-20:10	PARALLEL SESSION M5 Chair: Irina Grigorieva	PARALLEL SESSION M6 Chair: Qing Dai
12:50-13:10	18:50-19:10	Fabian Mooshammer Internal structure and ultrafast dynamics of excitons in twisted TMD bilayers	Tetiana Slipchenko Magneto-optical effects in graphene: ideas for enhancements and innovations
13:10-13:30	19:10-19:30	Kai-Qiang Lin Excitonic quantum interference in 2D semiconductor	Aleksandr Petrov Excitation of inter-edge magnetoplasmon by transverse direct current
13:30-13:50	19:30-19:50	Stéphane Berciaud Filtering the photoluminescence spectra of atomically thin semiconductors with graphene	Dmitry Svintsov Some new exact solutions of electromagnetic problems in two-dimensional plasmonics
13:50-14:10	19:50-20:10	Vlastimil Křápek Near-field luminescence of two-dimensional semiconductors	Igor Bondarev Transdimensional Epsilon-Near-Zero Modes in Planar Plasmonic Nanostructures

New York Time (UTC-4)	Donostia Time (UTC+2)	TUESDAY, July 14	
09:00-09:35	15:00-15:35	PLENARY SESSION P2 - Chair: Rainer Hillenbrand Frank Koppens Stacking and twisting 2D materials for quantum nano-optoelectronics	
09:35-09:40	15:35-15:40	BREAK	
09:40-10:50	15:40-16:50	PARALLEL SESSION T1 (Invited) Chair: Rainer Hillenbrand	PARALLEL SESSION T2 (Invited) Chair: Marco Polini
09:40-10:15	15:40-16:15	Lukas Novotny 2D Optoelectronics	Hugen Yan Plasmons in 2-dimensional semimetals
10:15-10:50	16:15-16:50	Alexey Kuzmenko Cryogenic Infrared nanoscopy of functional oxides and their 2D interfaces	Pablo Alonso Gonzalez Twisted Nano-optics
10:50-11:05	16:50-17:05	BREAK	
11:05-11:40	17:05-17:40	PLENARY SESSION P3 - Chair Thomas Taubner Michal Lipson 2D TMD for high performance silicon photonics	
11:40-11:45	17:40-17:45	BREAK	
11:45-12:05	17:45-18:05	PARALLEL SESSION T3 Chair: Thomas Taubner	PARALLEL SESSION T4 Chair: Vitaliy Goryashko
		Viktoriia Babicheva Strong coupling to high-index thin layers in van der Waals transdimensional photonic lattices	Raul Freitas Nanophotonics of 2D materials by synchrotron infrared nanospectroscopy
12:05-14:00	18:05-20:00	POSTER SESSION 1	

New York Time (UTC-4)	Donostia Time (UTC+2)	WEDNESDAY, July 15	
9:00-9:35	15:00-15:35	PLENARY SESSION P4 - Chair: Michal Lipson Dmitri Basov New results on polaritons in graphene and other van der Waals material	
9:35-9:40	15:35-15:40	BREAK	
9:40-10:50	15:40-16:50	PARALLEL SESSION W1 (Invited) Chair: Michal Lipson	PARALLEL SESSION W2 (Invited) Chair: Sergey Ganichev
9:40-10:15	15:40-16:15	Miriam Vitiello Nanophotonic devices at THz frequencies exploiting 2D materials	James Hone TBA
10:15-10:50	16:15-16:50	Sang-Hyun Oh Image polaritons in boron nitride for extreme-scale nanophotonics	Andrea Alu Polaritonic metasurfaces for enhanced light-matter interactions and extreme light manipulation
10:50-11:05	16:50-17:05	BREAK	
11:05-11:45	17:05-17:45	PARALLEL SESSION W3 Chair: Miriam Vitiello	PARALLEL SESSION W4 Chair: Joeson Wong
11:05-11:25	17:05-17:25	Min Seok Jang Electrically Tunable Metasurface for Complex Amplitude Modulation	Gustavo Grinblat Ultrafast and Nonlinear Photonics in 2D Hybrid Perovskites
11:25-11:45	17:25-17:45	Emanuele Galiffi Dynamical Graphene Metasurfaces	Kezia Sasitharan Two-dimensional metal-organic nanosheets: band gap tunable materials for new generation solar cells
11:45-14:00	17:45-20:00	POSTER SESSION 2	

New York Time (UTC-4)	Donostia Time (UTC+2)	THURSDAY, July 16	
9:00-9:35	15:00-15:35	PLENARY SESSION P5 - Sang-Hyun Oh Harry Atwater Active Nanophotonics from 2D Material Building Blocks	
9:35-9:40	15:35-15:40	BREAK	
9:40-10:50	15:40-16:50	PARALLEL SESSION TH1 (Invited) Chair: Sang-Hyun Oh	PARALLEL SESSION TH2 (Invited) Chair: Dmitry Svintsov
9:40-10:15	15:40-16:15	Monica Felicia Craciun Engineering of 2D materials for nano-optoelectronic and nano-photonics devices	Francisco Guinea Flat bands and electronic structure in stacks of two dimensional systems
10:15-10:50	16:15-16:50	Xiao Lin Actively controlling the near-field directionality with graphene plasmons	Valentyn Volkov Light in layered materials: towards TMDs based nanophotonics
10:50-11:05	16:50-17:05	BREAK	
11:05-12:25	17:05-18:25	PARALLEL SESSION TH3 Chair: Pablo Alonso	PARALLEL SESSION TH4 Chair: Viktoria Babicheva
11:05-11:25	17:05-17:25	Carlos Maciel Escudero Probing and steering bulk and surface modes in uniaxial materials using fast electrons	Samuel Magorrian Ultra-thin van der Waals crystals as semiconductor quantum wells
11:25-11:45	17:25-17:45	Luca Francaviglia High-resolution disorder mapping in 2D semiconductors: a cathodoluminescence-based correlation	Ingrid Barcelos Hybrid Polaritons in Graphene-Talc heterostructures
11:45-12:05	17:45-18:05	Vitaliy Goryashko 2D Optical magnetic lens	Kenneth Burch Towards Atomically Sharp, Extreme and Clean Doping in 2D Heterostructures
12:05-12:25	18:05-18:25	Qing Dai Recent progress in graphene plasmonic devices	Manuel Gonçalves Carbide and Nitride Based MXene Substrates for SERS: Interpretation of Experiments
12:25-12:40	18:25-18:40	BREAK	
12:40-20:00	18:40-20:00	PARALLEL SESSION TH5 Chair: Monica Felicia Craciun	PARALLEL SESSION TH6 Chair: Valentyn Volkov
12:40-13:00	18:40-19:00	Snezana Lazic Dynamic tuning of quantum light emission from atom-like defects in hexagonal boron nitride by surface acoustic waves	Hanan Herzig-Sheinfux Extreme optical confinement in externally defined modal ray cavities
13:00-13:20	19:00-19:20	Qinghua Zhao The Role of Traps in InSe Photodetectors	Joeson Wong Thickness junctions: a new mode of carrier transport in 2D materials
13:20-13:40	19:20-19:40	Daniel J. Rizzo Plasmonic signatures of interlayer charge transfer in Van der Waals heterostructures	Iacopo Torre Near-field study of twisted bilayer graphene from small angles to magic angle
13:40-14:00	19:40-20:00	CLOSING	