

June 11	AUTHOR	TITLE
W1	Juan Vidal	Bright single photon emission at room temperature from hexagonal boron nitride defects coupled to Fabry-Pérot cavities
W2	Carlos Antón	Exploring photon-number-encoded high-dimensional entanglement from a sequentially excited three-level system
W3	Amalia Coro	Exploring Energy Transport in Low Dimensional Perovskite Materials
W4	Cutrupi Antonella	Visualizing the energy transport of Perovskite Quantum-Dot Networks
W5	Eva Ortiz	Deep reinforcement learning for radiative heat transfer optimization problems
W6	Raul Ortiz	Dual-phonon lasing in a two-mode optomechanical cavity
W7	Lucas Mascaró	A new approach to reconfigurable photonics based on spin transition compounds
W8	Alejandro Caballero	Topological nature of interface states in space-time modulated metamaterials
W9	Thomas F. Allard	Dipole radiation in a dispersive and lossy photonic time crystal
W10	Carlos J. Sánchez	Periodic light meets periodic matter
W11	Maksim Lednev	Spatially resolved photon statistics of general nanophotonic systems
W12	Luis Cerdán	Bound States in the Continuum excited by radial beams in periodic arrays of dipoles
W13	Blas Durá-Azorín	Geometric Antibunching and Directional Shaping of Photon Anticorrelations
W14	Juan José Álvarez	Harnessing Bipartite Arrays of Nanostructures for Exceptional Absorption
W15	Manuel Romero	Optimization of semitransparent perovskite solar cells
W16	Dilson Juan	Unveiling polymorphs and polytypes of the 2D layered gallium sulfide
W17	Sebastián Mesa Apestegui	2D material for solar-powered photocatalytic hydrogen production
W18	Guillermo Serrera	Innovative approaches to 3D motion control in plasmonic nanomotors with optical pulling forces
W19	Luisina Forzani	Plasmonic nanoparticle-enhanced perovskite films: towards tailored optical properties
W20	Ana Dávila	Optical manipulation of Janus particles using a liquid crystal spiral phase plate
W21	Gohar Ijaz Dar	SERS-active PMMA nanostructures by aluminium nanoconcave templates
W22	Angeles Peña-Gallego	A computational study of nonlinear optical responses in J-aggregates
W23	Paula Sanmartín-Rodríguez	Synthesis of sustainable hybrid structures based on cyanine dyes and silica particles for nanophotonics.
W24	Caspar Groiseau	Deterministic single-photon source over the terahertz regime
W25	Carolina Martínez-Strasser	Topological properties of the non-reciprocal α -diamond chain
W26	Dennis Cachago	Optical and electronic modulation in monolayer MoS ₂ via ferro-to-paraelectric transition in active substrates for nanophotonic devices
W27	Elena Tamayo	MoS ₂ monolayers as optical sensors for ferroelectric platforms in nanophotonics.
W28	Ángel Giménez-Mascarell	Hexagonal silica microsphere monolayers for radiative cooling applications
W29	Enrique Arévalo	Using scattering microscopy to characterize semiconductor materials
W30	Ester Rincón	Optical trapping of superparamagnetic beads: single particles and chains
W31	Pablo Rodríguez-López	Phonon-assisted Casimir interactions between piezoelectric materials
W32	Ana I. F. Tesguerras-Mata	Directional Strong Coupling at the Nanoscale Between Hyperbolic Polaritons and Organic Molecules

June 12	AUTHOR	TITLE
TH1	Pablo Vaquer de Nieves	Room temperature exciton-polaritons in halide perovskites
TH2	Andrea Herrero Otermin	Spin-polarized lasing in a polariton lattice
TH3	Daniel Arenas-Ortega	On-chip surface enhanced raman spectroscopy via integration of nanoparticle-on-a-slit cavities with dielectric waveguides
TH4	Pol Molina i Grífols	Soliton families in micro-ring resonators with third-order dispersion
TH5	Josep Martínez-Romeu	Chiral Optical Forces In A Slot Waveguide For Separating [6]-Helicenes Enantiomers
TH6	Francisca Guedes	Bionic Photonic composites: Opal like supraballs for tailored Photosynthesis
TH7	J.E. Sustaeta-Osuna	Scattering of Light from a Time-Varying and Dispersive Slab
TH8	Miguel Verde	Optical Response by Time-Varying Plasmonic Nanoparticles
TH9	Diego Fernández de la Pradilla	There is no ultrastrong coupling with photons
TH10	Felipe Reibnitz Willemann	Can quantum light beat classical uncertainty relations?
TH11	Juan R. Deop	Thermal radiation forces on nanostructures with tailored symmetry
TH12	Luis Cerdán	Low-threshold multimode lasing from high-refractive-index 2D periodic photonic architectures
TH13	María Blanco de Paz	Temporal dynamics of lattice resonances
TH14	Lucía Santiago-Andrades	Discriminating shallow and deep traps in evaporated and solution process lead halide perovskites by time resolved photoluminescence
TH15	Francisco Javier Coto-Ruiz	Tuning strong light-matter coupling in quantum dot solids by ligand engineering
TH16	Víctor Vega-Mayoral	Exploring Many-Body Phenomena: Biexciton Generation and Auger Recombination in Ag ₂ S-based Nanocrystals
TH17	Javier González-Colsa	Exploring the photothermal properties of DNA-Au core/shell toroidal nanostructures for therapeutic applications
TH18	Sol Carretero-Palacios	Optical Modelling of Plasmonically Enhanced Perovskite LEDs
TH19	Fengchan Zhang	Rotational dynamics of Janus nanoparticles in a circularly polarized vortex beam
TH20	Josep M. Cantons	Assessing dogtag/dogcatcher affinity in porous interferometers
TH21	José Nuno Gama	Trapping light from the visible to the near-infrared with supramolecular materials: surface exciton polaritons supported by J-aggregate thin films
TH22	Miguel Ángel Martínez-García	Coherent electron-vibron interactions in Surface-Enhanced Raman Scattering
TH23	Antonio Morales	Axion topological phases in photonic crystals
TH24	Iker Herrero	Phonon Polaritonic Nanocavities for Field Enhanced Infrared Spectroscopy
TH25	David Hernández-Pinilla	Optically driven spatial modulation of second harmonic generation in 2D-ferroelectric heterostructures
TH26	Bruno Pérez	All-Optical Modulation of Charge Carriers in 1L-MoSe ₂ /LiNbO ₃ Heterostructures
TH27	María Jesús Martínez-Morillo	Excitonic resonance-enhanced Second Harmonic Generation in monolayer MoSe ₂
TH28	Pedro Moronta	A self-assembled two-dimensional hypersonic phononic insulator
TH29	Nayra Machín	Fourier image spectroscopy to study reflectance and fluorescence in biotic photonic materials
TH30	Upasana Das	Enhanced Wide-Field Transient Photoluminescence Microscopy Using Fast-Gated ICCD for Carrier Transport Studies
TH31	Mercedes Carrascosa	Optoelectronic capture, accumulation and characterization by Raman spectroscopy of micro/nanoplastics dispersed in water
TH32	Julia G. Prieto	Fabrication of Single Photon Emitters in Hexagonal Boron Nitride by Ion Irradiation