MONDAY - JUNE 20, 2016

08h30-09h00	Registration CEN2016	
09h00-09h05	Opening - Welcome	
	Nanophotonics Chair: Antonio García-Martín (IMM-CNM-CSIC, Spain)	
09h05-09h45	Juerg Leuthold (ETH Zürich, Switzerland) The Ultimate Limit of Photonic Scaling	к
09h45-10h00	Mattia Signoretto (ICMUV-UV, Spain) Integration of metal nanoparticles in polymer waveguides: enhancement and redirection of light in photonic structures	0
10h00-10h15	Antonio Consoli (ICMM-CSIC, Spain) Emission regimes of random lasers with spatially localized feedback	0
10h15-10h30	José Manuel Llorens (IMM-CNM-CSIC, Spain) Amplifying the zero-th order mode absorption in the ultra-thin film regime	0
10h30-11h30	Coffee Break - Poster Session & Instrument Exhibition	
	Nanoscale dynamics Chair: Álvaro Blanco (ICMM-CSIC, Spain)	
11h30-12h10	Niek Van Hulst (ICFO, Spain) Femtosecond dynamics at the nanoscale: talking to antenna complexes one-by-one	к
12h10-12h25	Nuno Miguel Santos Teixeira (UAM, Spain) Light Emission Statistics as a Local Probe for Structural Phase Switching	0
12h25-12h40	Mario Zapata Herrera (CSIC-UPV/EHU, Spain) Optical response and electron dynamics of charged plasmonic nanoparticles	0
12h40-12h55	Alberto Jiménez-Solano (ICMS-US-CSIC, Spain) Nanosources shine on demand thanks to a deterministic control of the local density of states	0
12h55-13h10	Manuel Marqués (UAM, Spain) Dynamics of electric dipoles in fluctuating random electromagnetic fields	0
13h10-15h00	Cocktail Lunch offered by CEN2016	
	New materials for photonics Chair: Pablo Sanchis (NTC-UPV, Spain)	
15h00-15h40	Dries Van Thourhout (Ghent University - IMEC, Belgium) New Materials for Multifunctional Photonic ICs	К
15h40-16h10	Sonia García Blanco (University of Twente, The Netherlands) High-index contrast waveguides in potassium double tungstates: towards rare-earth ion doped on-chip integrated photonics	I
16h10-16h25	Felix Eltes (IBM Research - Zurich, Switzerland) Low-loss, Nonlinear BaTiO₃-Si-Photonic Wavequide Structures	0
16h25-16h40	Pau Castera (NTC-UPV, Spain) Optimization of a hybrid BaTiO ₃ /Si Wavequide Structure for Electro-optic Modulation	0
16h40-16h55	Nerea Zabala (UPV/EHU, CFM and DIPC, Spain) Ultrafast control of plasmonic nanoantennas driven by hot-spot induced phase-transition in VO ₂	0
16h55-17h30	Coffee Break - Poster Session & Instrument Exhibition	
	Optoelectronics Chair: Niek Van Hulst (ICFO, Spain)	
17h30-18h00	Agustín Mihi (ICMAB-CSIC, Spain) Low Cost and Large Area Photonic Architectures for Enhanced Light Management in Optoelectronic Devices	I
18h00-18h15	Pablo Aitor Postigo (IMM-CNM-CSIC, Spain) Near thresholdless laser operation at room temperature	0
18h15-18h30	Fradkin Zeev (Sami Shamoon college of Engineering, Israel) An RCE based NIR PD using a resonant cavity with dual grating mirrors	0
18h30-18h45	Alberto Maulu (ICMUV-UV, Spain) Solution-Processed QD Solid by Doctor Blading Based on PbS QD Nanoinks for the Fabrication of Photodetectors at Telecom Wavelengths	0

TUESDAY - JUNE 21, 2016

09h05-09h44 Romain Quidant (ICFO, Spain) Heterogeneous nanoplasmonics for quantum optics and biosensing K 09h45-10h00 Nicolo Maccaferri (ICC nanoGUNE, Spain) Blanac calon di unable magneto-optical activity in magnetoplasmonic crystals O 10h00-10h15 Blanac caballero (IMM-CNM-CSIC, Spain) Rhodium Nanocubes for plasmonics in the UV range O 10h15-10h30 Yael Guttérrez Vela (Universidad de Cantabria, Spain) Rhodium Nanocubes for plasmonics in the UV range O 10h30-11h00 Pablo Alonso (ICC nanoGUNE, Spain) Ultra-confined acoustic THz graphene plasmons I 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition V 0ptical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) V 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) Arear-field radiative heat transfer at the nanoscale K 12h10-12h2 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons O 12h40-12h5 Jorge Luis Htta (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces I 12h40-12h5 Manofabrication Chair: Pablo Altor Postigo (IMM-CSIC, Spain) I 12h40-12h5 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materials I		Plasmonics Chair: Lluís Marsal (Universitat Rovira i Virgili, Spain)	
Oph45-10h00 Nicolo Maccaferri (CIC nanoGUNE, Spain) Enhanced and tunable magneto-optical activity in magnetoplasmonic crystals O 10h00-10h15 Blanc Caballero (IMM-CNM-SCIC, Spain) Blanc Caballero (IMM-CNM-SCIC, Spain) Rhodium Nanocubes for plasmonics in the UV range O 10h15-10h30 Yael Gutiérrez Vela (Universidad de Cantabria, Spain) Rhodium Nanocubes for plasmonics in the UV range O 10h15-10h30 Pablo Alonso (CIC nanoGUNE, Spain) Ultro-confined acoustic THz graphene plasmons I 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition O 0 Pablo Alonso (CIC nanoGUNE, Spain) Near-field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces everted on nanowire dimers: New characterization of Plasmons O 12h25-12h40 Jorge Luis Hita (UAN, Spain) Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Manofabrication Gelistic materials I 12h51-13h25 Daniel Navaro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals I 12h51-13h20 Lunch* K 13h25-15h00 Lunch* Coffee Break Pablo Altor Postigo (IMM-CSIC, Spain) 15h00-15h40	09h05-09h45		к
Oph45-10h00 Enhanced and tunable magneto-optical activity in magnetoplasmonic crystals O 10h00-10h15 Blanca Caballero (IMM-CNM-CSIC, Spain) O 10h15-10h30 Yael Gutiérrez Vela (Universidad de Cantabria, Spain) O 10h15-10h30 Yael Gutiérrez Vela (Universidad de Cantabria, Spain) O 10h30-11h00 Pablo Alonso (CIC nanoGUNE, Spain) O 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition O 01h30-11h00 Dytical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) K 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition O O 11h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Near-field radiative heat transfer at the nanoscale K 12h10-12h25 Briardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) O O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of O O 12h40-12h55 Daniei Navarro-Urrios (ICN2, Spain) I I 12h40-12h55 Daniei Navarro-Urrios (ICN2, Spain) I I 12h40-12h55 Self-sustained cohererent phonon generation in			
Binca Caballero (IMM-CNM-CSIC, Spain) O 10h10-10h15 Biosting Sensing Performance Using Hybrid Magnetoplasmonic Nanohole Arrays O 10h15-10h30 Yael Gutferrez Vela (Universidad de Cantabria, Spain) Rhodium Nanocubes for plasmonics in the UV range O 10h30-11h00 Pablo Alonso (ICC) ranoGUNE, Spain) I 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition V 0trical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) V 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) Near-field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons O 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of o realistic materials I 12h55-13h25 Daniel Navarro-Urrös (CN2, Spain) I 12h55-13h25 Daniel Avarro-Urrös (CN2, Spain) K 15h00-15h40 Anna Fontcuberta I Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h55-16h10 Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Pri	09h45-10h00		0
10000-10015 Boosting Sensing Performance Using Hybrid Magnetoplasmonic Nanohole Arrays 0 10h15-10h30 Yael Gutiérrez Vela (Universidad de Cantabria, Spain) Rhodium Nanocubes for plasmonics in the UV range 0 10h15-10h30 Yael Gutiérrez Vela (Universidad de Cantabria, Spain) Wittro-confined acoustic THz graphene plasmons 1 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition 1 11h00-11h30 Optical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) Near-field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IIMM-CNM-CSIC, Spain) Orge Luis Hita (UAM, Spain) Arrested dimer's diffusion by selj-induced back-action optical forces 0 12h40-12h55 Natore Luis Hita (UAM, Spain) Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials 0 12h40-12h55 Daniel Navarro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in aptamechanical crystals 1 13h25-13h25 Daniel Navarro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in aptamechanical crystals 1 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 15h55-16h10 3D Printing Sets New Standards in Microfabrication 3D Printing Sets New Standards in Microfabrication det	10h00-10h15		_
10h15-10h30 Rhodium Nanocubes for plasmonics in the UV range 0 10h30-11h00 Pabio Alonso (CIC nanoGUNE, Spain) Ultro-confined acoustic THz graphene plasmons 1 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition 1 0 ptical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) 1 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) K Near-Field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons 0 12h25-12h40 Jorge Luis Hita (UAM, Spain) 0 12h40-12h55 Daniel Navarro-Urríos (ICN2, Spain) 0 12h40-12h55 Daniel Navarro-Urríos (ICN2, Spain) 1 12h40-12h55 Anna Fontcuberta i Morral (EPFL, Switzerland) 0 13h25-13h25 Daniel Navarro-Urríos (ICN2, Spain) 1 13h25-13h25 Fabrication of Invaral (EPFL, Switzerland) K Photonics and applications with semiconductor nanowires K 15h40-15h50 Soffa Rodriguez (Nanoscribe GmbH, Germany) 0 3D Printing Sets New Standards in Microfabrication 0 16h10-16h25 Ángel Mateos Sánchez (ICMM-CSIC, Spain) 0 16h25-16h10 Supranoblecular mediated self-assembly of gold nanoparticl			0
Inhoduum Nanacubes for plasmonics in the UV range Pablo Alonso (CIC nanoGUNE, Spain) Ultra-confined acoustic TH2 graphene plasmons I 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition Uptical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) Juan Carlos Cuevas (UAM, Spain) Near-field radiative heat transfer at the nanoscale K Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) O Optical forces exerted an nanowire dimers: New characterization of Plasmons O 12h25-12h40 Near-field radiative heat transfer at the nanoscale K Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) O O 12h25-12h40 Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materials O 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) I 13h25-15h00 Lunch* K Estela Baquedano PeriVarez (IMM-CMM-CSIC, Spain) K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft in thoragraphy for nanophotonic devices O 15h55-16h10 Soffa Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication	10h15-10h30	Yael Gutiérrez Vela (Universidad de Cantabria, Spain)	0
10n30-11n00 Ultra-confined acoustic THz graphene plasmons 1 11h00-11h30 Coffee Break - Poster Session & Instrument Exhibition 0ptical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) 0 0ptical forces exerted an nanowire dimers: New characterization of Plasmons 0 12h25-12h40 Jorge Luis Hita (UAM, Spain) 0 Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materials 0 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) 1 13h25-15h00 Lunch* K 15h00-15h40 Anna Fonctuberta i Morral (EPEL, Switzerland) K Photonics and applications with semiconductor nanowires K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 16h10-16h25 Sofia Rodriguez (Nanoscribe GmbH, Germany) 0 3D Printing Sets New Standards in Microfabrication 0 16h2-16h10 Sofia Rodriguez (Nanoscribe GmbH, Germany) 0 3D Printing Sets New Standards in Microfabrication and characterization <td>Rhodium Nanocubes for plasmonics in the UV range</td> <td>0</td>		Rhodium Nanocubes for plasmonics in the UV range	0
11h00-1h30 Coffee Break - Poster Session & Instrument Exhibition 11h00-1h30 Optical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) Near-field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons 0 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials 0 12h40-12h55 Daniel Navaro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-13h25 Daniel Navaro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 16h10-16h25 Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication 3D Printing Sets New Standards in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characteriz	10b30-11b00	Pablo Alonso (CIC nanoGUNE, Spain)	1
Optical forces and phonons Chair: Alejandro Martínez (NTC-UPV, Spain) 11h30-12h10 Juan Carlos Cuevas (UAM, Spain) Neor-field radiative heat transfer at the nanoscale K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons O 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials O 12h55-13h25 Daniel Navarro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals I 13h25-13h00 Lunch* K Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires and 2D nanostructures by soft lithography for nanophotonic devices O 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices O 16h10-16h25 Angel Mateos Sánchez (ICNM-CSIC, Spain) Coupled r	101150 111100	Ultra-confined acoustic THz graphene plasmons	<u> </u>
11h30-12h10 Juan Carlos Cuevas (UAM, Spain) K 12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) O 12h10-12h25 Jorge Luis Hita (UAM, Spain) O Arrested dimer's diffusion by self-induced back-action optical forces O 12h25-12h40 Jorge Luis Hita (UAM, Spain) O Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials O 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) I 13h25-15h00 Lunch* I Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) I 15h00-15h40 Nanofabrications with semiconductor nanowires K Photonics and applications with semiconductor nanowires K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft O 16h10-16h25 Sofia Rodriguez (Nanoscribe GmbH, Germany) O O 3D Printing Sets New Standards in Microfabrication O O O 16h10-16h25 Ángel Barreda Gómez (Universidad de Vigo, Spain) O O	11h00-11h30	Coffee Break - Poster Session & Instrument Exhibition	
11h30-12h10 Near-field radiative heat transfer at the nanoscale K 12h10-12h23 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons O 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces O 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials O 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals I 13h25-15h00 Lunch* K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires and 2D nanostructures by soft lithography for nanophotonic devices O 15h10-15h50 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices O 16h10-16h25 Ángel Mateos Sánchez (ICMM-CSIC, Spain) 2D Printing Sets New Standards in Microfabrication 2D oupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser (MDEA Nanociencia / UAM, Spain) 2N office Break - Poster Session & Linstrument Exhibition O 16h25-16h10 Soffie Break - Poster Session & Instrument Exhibition 17h25-1			
12h10-12h25 Ricardo Abraham Ekeroth (IMM-CNM-CSIC, Spain) Optical forces exerted on nanowire dimers: New characterization of Plasmons 0 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Victoria Esteso (ICMS-US-CSIC, Spain) Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials 0 12h55-13h25 Daniel Navarro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-13h25 Daniel Navarro-Urrios (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-13h00 Lunch* K Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Photonics and applications with semiconductor nanowires K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires and 2D nanostructures by soft 0 15h40-15h55 Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication 0 16h10-16h25 Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication detection 0 16h40-16h55 Ángel Barreda Gómez (Universidad de Vigo, Spain) 0 16h40-16h55 Ángela Barreda Gómez (Universidad de Cantabria, Spain) Usi	11h30-12h10		к
12h10-12h25 Optical forces exerted on nanowire dimers: New characterization of Plasmons 0 12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of realistic materials 0 12h55-13h25 Daniel Navaro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-15h00 Lunch* 1 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 15h10-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 16h10-16h25 Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA t			
12h25-12h40 Jorge Luis Hita (UAM, Spain) Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of 0 realistic materials 0 12h40-12h55 Daniel Navarro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-13h00 Lunch* K Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) K 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 15h55-16h10 Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ocupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Cantabria, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures 0 16h25-17h25 Coffee Break - Poster Session & Instrument Exhibition 1 17h25-19h15 Poster Session 1	12h10-12h25		0
12h25-12h40 Arrested dimer's diffusion by self-induced back-action optical forces 0 12h40-12h55 Victoria Esteso (ICMS-US-CSIC, Spain) 0 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materials 0 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) self-sustained coherent phonon generation in optomechanical crystals 1 13h25-15h00 Lunch* 1 Nanofabrication Chair: Pablo Attor Postigo (IMM-CSIC, Spain) 1 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 15h55-16h10 Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication 0 16h10-16h25 Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Using linear polarization for sensing with core-shell nanostructures 0 16h40-16h55 Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures 0 16h40-16h55 Sorfie Roek - Poster Session & Instrument Exhibition 1 17h25-17h55 Coffeee Break - Poster Session & Inst			
Victoria Esteso (ICMS-US-CSIC, Špain) 12h40-12h55 Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materials Daniel Navarro-Urríos (ICN2, Spain) 12h55-13h25 Daniel Navarro-Urríos (ICN2, Spain) 13h25-15h00 Lunch* Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) 15h40-15h55 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft 0 16h10-16h25 Sofía Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication 0 16h10-16h25 Souradom laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization Using linear polarization for sensing with core-shell nanostructures Using linear polarization for sensing with core-shell nanostructures 0 16h40-16h55 Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures 1 17h25-17h55 Coffee Break - Poster Session & Instrument Exhibition 1 <	12h25-12h40		0
12h40-12h55Theoretical prediction of levitation due to Casimir force of plane-parallel systems made of orealistic materialsOrealistic materials12h55-13h25Daniel Navarro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystalsI13h25-15h00Lunch*13h25-15h00Chair: Pablo Aitor Postigo (IMM-CSIC, Spain)15h00-15h40Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowiresK15h00-15h40Photonics and applications with semiconductor nanowiresO15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devicesO15h55-16h103D Printing Sets New Standards in MicrofabricationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) coupled random laser resonators in DNA thin films: fabrication and characterization Using linear polarization for sensing with core-shell nanostructuresO16h40-16h55Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Coffee Break - Poster Session & Instrument ExhibitionI17h25-17h55Poster SessionI17h25-19h15Poster SessionI17h25-19h15Poster SessionLa Malquerida			
realistic materials12h55-13h25Daniel Navarro-Urríos (ICN2, Spain) Self-sustained coherent phonon generation in optomechanical crystals13h25-13h00Lunch*13h25-15h00Chair: Pablo Aitor Postigo (IMM-CSIC, Spain)15h00-15h40Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices15h5-16h10Sofia Rodriguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization O detection16h40-16h55Supramolecular mediated self-assembly of gold nanoparticles for selective SERS O detection16h40-16h55Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures17h25-17h55Poster Session17h25-17h55Poster Session21h30La Malquerida	12h40-12h55		0
12h55-13h25Daniel Navarro-Urríos (ICN2, Spain) self-sustained coherent phonon generation in optomechanical crystalsI13h25-15h00Lunch*13h25-15h00Nanofabrication15h00-15h40Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowiresK15h00-15h40Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)K15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devicesO15h55-16h10Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain)O16h10-16h25Ángel Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionLa Malquerida	121110 121133		0
12h55-13h25 Self-sustained coherent phonon generation in optomechanical crystals 1 13h25-13h20 Lunch* 13h25-15h00 Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) 15h00-15h40 Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires K 15h00-15h40 Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices 0 15h55-16h10 Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication 0 16h10-16h25 Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) 0 16h25-16h40 Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection 0 16h40-16h55 Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures 0 16h55-17h25 Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures 1 17h25-19h15 Poster Session 1 17h25-19h15 Poster Session 1 17h25-19h15 La Malquerida			
NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)15h00-15h40Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowiresK15h00-15h55Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)K15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devicesO15h55-16h10Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Coupled random laser resonators in DNA thin films: fabrication and characterization Coupled random laser resonators in DNA thin films: fabrication and characterization detectionO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Vigo, Spain) Using linear polarization for sensing with core-shell nanostructures Synthesis and optical trapping of colloidal quantum dot-based structuresO17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionLa Malquerida	12h55-13h25		I
Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowiresK15h00-15h40Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowiresK15h00-15h55Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)O15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devicesO15h55-16h10Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in MicrofabricationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain)O16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionLa Malquerida			
15h00-1Sh40Photonics and applications with semiconductor nanowiresKPhotonics and applications with semiconductor nanowiresK15h00-1Sh50Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)O15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softO15h55-16h10Soffa Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in MicrofabricationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterizationO16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionLa Malquerida	13h25-15h00	Lunch*	
Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devicesO15h55-16h10Sofía Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in MicrofabricationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization detectionO16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionLa Malquerida	13h25-15h00		
15h40-15h55Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices015h55-16h10Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication016h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization detection016h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection016h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures016h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures117h25-17h55Coffee Break - Poster Session & Instrument Exhibition117h55-19h15Poster SessionLa Malquerida		Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland)	к
lithography for nanophotonic devices15h55-16h10Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication016h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization016h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization016h10-16h25Ángel Mateos García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection016h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures016h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures117h25-17h55Coffee Break - Poster Session & Instrument Exhibition117h55-19h15Poster SessionLa Malquerida		Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires	К
Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in MicrofabricationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterizationO16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterizationO16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures Synthesis and optical trapping of colloidal quantum dot-based structuresO17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)	
15h55-16h103D Printing Sets New Standards in Microfabrication016h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization016h10-16h25Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection016h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures016h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures117h25-17h55Coffee Break - Poster Session & Instrument Exhibition117h55-19h15Poster SessionLa Malquerida	15h00-15h40	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft	
16h10-16h25Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterizationO16h10-16h25Verónica Montes-García (Universidad de Vigo, Spain)016h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection016h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures016h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures117h25-17h55Coffee Break - Poster Session & Instrument Exhibition117h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices	
16h10-16h25Coupled random laser resonators in DNA thin films: fabrication and characterization016h10-16h25Coupled random laser resonators in DNA thin films: fabrication and characterization016h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection016h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures016h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures117h25-17h55Coffee Break - Poster Session & Instrument Exhibition117h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofía Rodríguez (Nanoscribe GmbH, Germany) Fabrication of low-cost and bigh aspect ratio	0
Verónica Montes-García (Universidad de Vigo, Spain)16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofía Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in Microfabrication	0
16h25-16h40Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionO16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Fabrication	0
detection16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofia Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in MicrofabricationÁngel Mateos Sánchez (ICMM-CSIC, Spain)Coupled random laser resonators in DNA thin films: fabrication and characterization	0
16h40-16h55Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructuresO16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofía Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Spain)	0 0 0
16h40-16h55Using linear polarization for sensing with core-shell nanostructuresU16h55-17h25Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structuresI17h25-17h55Coffee Break - Poster Session & Instrument ExhibitionI17h55-19h15Poster SessionConference Dinner La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofía Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS	0 0 0
16h55-17h25 Synthesis and optical trapping of colloidal quantum dot-based structures 1 17h25-17h55 Coffee Break - Poster Session & Instrument Exhibition 17h55-19h15 Poster Session 21h30 La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection	0 0 0
17h25-17h55 Coffee Break - Poster Session & Instrument Exhibition 17h55-19h15 Poster Session 21h30 La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection Ángela Barreda Gómez (Universidad de Cantabria, Spain) Spain)	0 0 0
17h55-19h15 Poster Session Conference Dinner 21h30 La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofia Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures	0 0 0 0
Conference Dinner 21h30 La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofia Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in MicrofabricationÁngel Mateos Sánchez (ICMM-CSIC, Spain)Coupled random laser resonators in DNA thin films: fabrication and characterizationVerónica Montes-García (Universidad de Vigo, Spain)Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionÁngela Barreda Gómez (Universidad de Cantabria, Spain)Using linear polarization for sensing with core-shell nanostructuresBeatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain)	0 0 0 0
21h30 La Malquerida	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55 16h55-17h25	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofia Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in MicrofabricationÁngel Mateos Sánchez (ICMM-CSIC, Spain)Coupled random laser resonators in DNA thin films: fabrication and characterizationVerónica Montes-García (Universidad de Vigo, Spain)Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionÁngela Barreda Gómez (Universidad de Cantabria, Spain)Using linear polarization for sensing with core-shell nanostructuresBeatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain)Synthesis and optical trapping of colloidal quantum dot-based structures	0 0 0 0
	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55 16h55-17h25 17h25-17h55	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofía Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in MicrofabricationÁngel Mateos Sánchez (ICMM-CSIC, Spain)Coupled random laser resonators in DNA thin films: fabrication and characterizationVerónica Montes-García (Universidad de Vigo, Spain)Supramolecular mediated self-assembly of gold nanoparticles for selective SERSdetectionÁngela Barreda Gómez (Universidad de Cantabria, Spain)Using linear polarization for sensing with core-shell nanostructuresBeatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain)Synthesis and optical trapping of colloidal quantum dot-based structuresCoffee Break - Poster Session & Instrument Exhibition	0 0 0 0
C/Polo y Peyrolón, nº 53 46021 Valencia	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55 16h55-17h25 17h25-17h55	NanofabricationChair: Pablo Aitor Postigo (IMM-CSIC, Spain)Anna Fontcuberta i Morral (EPFL, Switzerland)Photonics and applications with semiconductor nanowiresEstela Baquedano Perálvarez (IMM-CNM-CSIC, Spain)Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by softlithography for nanophotonic devicesSofía Rodríguez (Nanoscribe GmbH, Germany)3D Printing Sets New Standards in MicrofabricationÁngel Mateos Sánchez (ICMM-CSIC, Spain)Coupled random laser resonators in DNA thin films: fabrication and characterizationVerónica Montes-García (Universidad de Vigo, Spain)Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detectionÁngela Barreda Gómez (Universidad de Cantabria, Spain)Using linear polarization for sensing with core-shell nanostructuresBeatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain)Synthesis and optical trapping of colloidal quantum dot-based structuresPoster Session	0 0 0 0
	15h00-15h40 15h40-15h55 15h55-16h10 16h10-16h25 16h25-16h40 16h40-16h55 16h55-17h25 17h25-17h55 17h55-19h15	Nanofabrication Chair: Pablo Aitor Postigo (IMM-CSIC, Spain) Anna Fontcuberta i Morral (EPFL, Switzerland) Photonics and applications with semiconductor nanowires Estela Baquedano Perálvarez (IMM-CNM-CSIC, Spain) Fabrication of low-cost and high aspect ratio nanowires and 2D nanostructures by soft lithography for nanophotonic devices Sofía Rodríguez (Nanoscribe GmbH, Germany) 3D Printing Sets New Standards in Microfabrication Ángel Mateos Sánchez (ICMM-CSIC, Spain) Coupled random laser resonators in DNA thin films: fabrication and characterization Verónica Montes-García (Universidad de Vigo, Spain) Supramolecular mediated self-assembly of gold nanoparticles for selective SERS detection Ángela Barreda Gómez (Universidad de Cantabria, Spain) Using linear polarization for sensing with core-shell nanostructures Beatriz Hernández Juárez (IMDEA Nanociencia / UAM, Spain) Synthesis and optical trapping of colloidal quantum dot-based structures Coffee Break - Poster Session & Instrument Exhibition Poster Session	0 0 0 0

*not included in the registration fee

WEDNESDAY - June 22, 2016

	Sensing Chair: Jaime García (NTC-UPV, Spain)	
09h30-09h45	Raffaele Caroselli (NTC-UPV, Spain)	0
	Biosensors based on nanoporous silicon multilayer structures	0
09h45-10h00	Francis Gallego-Gómez (ICMM-CSIC, Spain)	0
	Photonic colloidal crystals as nano-sand: lab-on-a-chip to study water in granular media	
	Elisabet Xifré-Pérez (Universitat Rovira i Virgili, Spain)	0
10h00-10h15	Photoluminescent porous alumina particles for the development of label-free	
	biomarkers	
10h15-10h30	José María Miranda Muñoz (ICMS-US-CSIC, Spain)	0
101113 101130	Tailoring disorder for absorption enhancement in bifacial dye-sensitized solar cells	0
	Chris Eckstein (Universitat Rovira i Virgili, Spain)	
10h30-10h45	Fluid Imbibition-Coupled Laser Interferometry: a highly sensitive optical technique for	0
	nanometrology	
10h45-11h00	Francisco Prats (NTC-UPV, Spain)	0
101143-111100	Ultra-Fast Spectral Optical Analysis of Nanophotonic Structures	0
11h00-11h30	Coffee Break - Poster Session & Instrument Exhibition	
	New phenomena Chair: Juan José Sáenz (DIPC, Spain)	
11h30-12h10	Luis Martín Moreno (ICMA-UZ-CSIC, Spain)	к
111130-121110	Quantum nanophotonics in waveguides	
12h10-12h40	Francisco José Rodríguez Fortuño (King's College London, UK)	I
121110-121140	Spin-orbit interactions of light in evanescent waves: from theory to experiments	
	Alba Espinosa (NTC-UPV, Spain)	0
12h40-12h55	Experimental and numerical demonstration of a plasmonic nanoantenna embedded in a	
	silicon waveguide gap	
	Roberto Fenollosa (ITQ-UPV-CSIC, Spain)	0
12h55-13h10	The influence of the internal structure in the resonant properties of poly-crystalline	
	silicon microspheres	
13h10-13h25	José Ángel Pariente (ICMM-CSIC, Spain)	0
131110-131123	Fano resonance reveals Percolation in photonic crystals	0
	Mauro Brotóns i Gisbert (ICMUV-UV, Spain)	
13h25-13h40	Morphological manipulation of the luminescent response of atomically thin Indium	0
	Selenide nanosheets	
13h40	Concluding Remarks	

Keynote (K): 40 minutes / Invited (I): 30 minutes / Oral (O): 15 minutes



Sponsors







