Thursday April 16th

8:30-9:00	Registration	
9:00-9:30	Wellcome and Opening	
Plenary Session ThA (Room D'Enghien)		
9:30-10:00	Y.Arakawa	Manipulation of light-matter interaction in quantum dots with 2D/3D photonic crystal
10:00-10:30	B.Gil	Nitride semiconductors grown on low-symmetry (hk.l) oriented substrates: a promising and challenging option for realizing advanced optoelectronic devices (Invited)
10:30-10:50	Coffee Break	

Parallel Sessions

Session ThA1 (Room D'Enghien)			Session ThB1 (Room B)		
Exciton-polariton Physics			**Physics and application of epitaxial QDs**		
10:50-11:10	Lagoudakis K.	NOVEL VORTICAL ENTITIES IN AN EXCITON-POLARITON CONDENSATE	10:50-11:10	Rontani M.	OBSERVATION OF COLLECTIVE MODES OF AN ELECTRON MOLECULE IN A QUANTUM DOT
11:10-11:30	Fraser M. D.	OBSERVATION AND DYNAMICS OF A SINGLE VORTEX ANTIVORTEX PAIR IN A POLARITON CONDENSATE	11:10-11:30	Goldoni G.	PHOTOLUMINESCENCE OF TRIONS IN QUANTUM DOTS: THE ROLE OF CORRELATIONS IN THE VALENCE BAND
11:30-11:50	Laussy F.P.	POLARITON MEDIATED SUPERCONDUCTIVITY	11:30-11:50	Lunz M.	FÖRSTER RESONANT ENERGY TRANSFER IN QUANTUM DOT LAYERS
11:50-12:10	Pilozzi L.	POLARITON-POLARITON SCATTERING IN MICROCAVITIES: MICROSCOPIC APPROACH	11:50-12:10	Fortunato L.	CONTROL OF UNPOLARIZED EMISSION IN CLOSELY STACKED INAS QUANTUM DOT STRUCTURE
12:10-12:30	Portnoi M.	EXCITON STORAGE IN AHARONOV-BOHM RINGS	12:10-12:30	Mereni L.	A NOVEL SITE-CONTROLLED QUANTUM DOT SYSTEM WITH HIGH UNIFORMITY AND NARROW EXCITONIC EMISSION
12:30-12:50	Lozovik Y. E	TRAPPING AND CONDENSATION OF EXCITONS AND CAVITY POLARITONS	12:30-12:50	Karl M.	REVERSED MICRO-PYRAMIDS AS NOVEL OPTICAL CAVITIES

12:50 - 14:20	Lunch	
Plenary Session ThB (Room D'Enghien)		
14:20-14:50	H.Morkoc	On the efficiency degradation in InGaN based LEDs at high injection levels (Invited)
14:50-15:20	P.Gillot	Spin relaxation in wurtzite GaN epilayers and nanostrutures (Invited)
15:20-15:50	T.Shubina	The slow light in semiconductor crystals and nanostructures (Invited)
15:50-16:20	R.Del Sole	Ab initio calculation of optical properties of nanostructures (Invited)
16:20-16:40	Coffee Break	

Parallel Sessions

Session ThA2 (Room D'Enghien)			Session ThB2 (Room B)		
Light-matter coupling in microcavities and photonic crystals			**Novel optical devices**		
16:40-17:00	Deleporte E.	UV POLARITON EMISSION AT ROOM TEMPERATURE IN MICROCAVITIES CONTAINING PEROVSKITES	16:40-17:00	Haverkort J.	SUBRADIANCE IN A QUANTUM DOT ARRAY
17:00-17:20	Sturm C.	STRONG EXCITON-PHOTON COUPLING UP TO 410 K	17:00-17:20	Gentilini D.	ANALYSIS AND SIMULATION OF INCIDENT PHOTON TO CURRENT EFFICIENCY OF DYE SENSITIZED SOLAR CELLS
17:20-17:40	Ihara T.	INTERACTION BETWEEN TERAHERTZ PHOTONIC CRYSTALS AND BLOCH OSCILLATIONS IN SUPERLATTICES	17:20-17:40	Colonna D.	PHOTOCURRENT ENHANCEMENT OF DYE SOLAR CELLS BY EFFICIENT LIGHT MANAGEMENT
17:40-18:00	Poddubny A. N.	COLLECTIVE PHOTOLUMINESCENCE OF QUANTUM DOT ENSEMBLES IN MICROCAVITIES	17:40-18:00	Gerace D.	FERMIONIZED PHOTONS IN AN ARRAY OF PHOTONIC CRYSTAL CAVITIE

Friday April 17th

Plenary Session FrA (Room D'Enghien)

9:00-9:30	D.Bajoni	Polariton Diodes (Invited)
9:30-10:00	D.Sanvitto	Dynamics of polariton condensates (Invited)
10:00-10:30	I.A. Shelykh	Spin Optronics (Invited)
10:30-10:50	Coffee Break	

Parallel Sessions

Session FrA1 (Room D'Enghien)			Session FrB1 (Room B)		
Bose-condensation			**Physics and application of colloidal NCs**		
10:50-11:10	Rubo Y.	COLLAPSING AND METASTABLE EXCITON-POLARITON CONDENSATES IN SEMICONDUCTOR MICROCAVITIES	10:50-11:10	Spinicelli P.	QUANTUM ENGINEERING OF COLLOIDAL CORE-SHELL QUANTUM DOTS: NON BLINKING QUANTUM DOTS AND BIEXCITONIC EMISSION
11:10-11:30	Read D.	STOCHASTIC POLARISATION FORMATION IN POLARITON BOSE-EINSTEIN CONDENSATES	11:10-11:30	Pisanello F.	DOTS IN ROD AS POLARIZED SINGLE PHOTON SOURCES
11:30-11:50	Pavlovic G.	OPTICAL ANALOGS OF ELECTRONIC EFFECTS: BERRY PHASE INTERFEROMETER AND JOSEPHSON EFFECT FOR POLARITONS	11:30-11:50	Lupo M. G.	ULTRAFAST DYNAMICS AND OPTICAL GAIN IN CdSe/CdS NANOCRYSTALS
11:50-12:10	Wertz E.	POLARITON CONDENSATION IN PLANAR GAAS MICROCAVITIES	11:50-12:10	Morello G.	EVIDENCE FOR AN INTERNAL FIELD IN CDSE/CDS NANORODS BY TIME RESOLVED AND SINGLE ROD EXPERIMENTS
12:10-12:30	Rontani M.	JOSEPHSON OSCILLATIONS BETWEEN EXCITON CONDENSATES IN ELECTROSTATIC TRAPS	12:10-12:30	Pulci O.	ELECTRONIC AND OPTICAL PROPERTIES OF SILICON AND GERMANIUM NANOCRYSTALS: AN AB-INITIO STUDY
12:30-12:50	Kulakovskii V.D.	KINETICS OF RESONANTLY EXCITED BOSE SYSTEM OF 2D POLARITONS IN A PLANAR MICROCAVITY	12:30-12:50	Guzman J.	GE NANOCRYSTAL ENHANCED ER PHOTOLUMINESCENCE
12:50 - 14:20	Lunch				

Plenary Session FrB (Room D'Enghien)

14:20-14:50	A.Bramati	Observation of Superfluidity of Polaritons in semiconductor microcavities (Invited)
14:50-15:20	N.Gippius	Nonequilibrium Phase Transitions Of 2D Polaritons In Planar Semiconductor Microcavity (Invited)
15:20-15:50	D.Krizhanovskii	Nonequilibrium and equilibrium features of polariton BEC: Similarity with OPO (Invited)

Parallel Sessions

Session FrA2 (Room D'Enghien)			Session FrB2 (Room B)		
Light matter coupling: cQED			**Light matter coupling in 2D-Systems**		
15:50-16:10	Maragkou M.	MODE SELECTION IN GAAS MICROPILLAR POLARITON LASERS	15:50-16:10	Adawi A. M.	Modifying the spontaneous emission of a fluorescent molecular dye using optical nano-cavities
16:10-16:30	Reitzenstein S.	CAVITY QUANTUM ELECTRODYNAMICS IN ELECTRICALLY DRIVEN QUANTUM DOT-MICROPILLAR CAVITIES	16:10-16:30	Tawara T.	CAVITY MODE EMISSION IN WEAKLY COUPLED QUANTUM-DOTS-CAVITY SYSTEM
16:30-16:50	Del Valle E.	CAVITY QED WITH QUANTUM DOTS IN MICROCAVITIES	16:30-16:50	Rumyantsev V.	LIGHT-MATTER COUPLING IN IMPERFECT QUASI-TWO-DIMENSIONAL SI/SIO2 PHOTONIC CRYSTAL
16:50-17:10	Schneider C.	CAVITY QUANTUM ELECTRODYNAMICS WITH SITE-CONTROLLED QUANTUM DOTS IN MICROPILLAR CAVITIES	16:50-17:10	Mani R.	CO-VARIATION STUDY OF PHOTO-EXCITED TRANSPORT IN THE GAAS/ALGAAS 2D ELECTRONIC SYSTEM
17:10-17:30	Coffee Break				
17:10-19:00	Poster Session				
20.00	Social Dinner				

Saturday April 18th

Plenary Session SatA (Room D'Enghien)

9:00-9:30	C.Chang-Hasnain	III-V Compound Nanowires and Nanoneedles on Silicon (Invited)
9:30-10:00	A.Zunger	Quantum-Mechanical Combinatorial Design of Solids with Target Properties (Invited)
10:00-10:30	E.Da Como	Photonics with Branched Nanocrystals (Invited)
10:30-10:50	Coffee Break	

Parallel Sessions

Session SatA1 (Room D'Enghien)			Session SatB1 (Room B)		
Non conventional light sources			**Physics and application of nanostructures**		
10:50-11:10	Dousse A.	SCALABLE AND DETERMINISTIC COUPLING OF SINGLE QUANTUM DOTS TO A PILLAR CAVITY MODE	10:50-11:10	Palummo M.	EXCITONS IN PURE AND DOPED SI NANOWIRES: A FIRST-PRINCIPLES STUDY
11:10-11:30	Qualtieri A.	ROOM TEMPERATURE SINGLE PHOTON SOURCES BASED ON SINGLE COLLOIDAL NANOCRYSTALS IN MICROCAVITY	11:10-11:30	Kuskovsky I. L.	PHOTOLUMINESCENCE AND MAGNETO-OPTICAL PROPERTIES OF MULTILAYERED TYPE-II ZNTE/ZNSE QUANTUM DOTS
11:30-11:50	Stock E.	1 GHZ ELECTRICALLY DRIVEN MICROCAVITY SINGLE PHOTON SOURCE	11:30-11:50	Crankshaw S.	ZONE-CENTER PHONONS OF WURTZITE GAAS
11:50-12:10	Johne R.	ENTANGLED PHOTONS FROM A STRONGLY COUPLED QUANTUM DOT-CAVITY SYSTEM	11:50-12:10	Lassen B.	BAND-MIXING EFFECTS IN INAS/INP QUANTUM RINGS
12:10-12:30	Schliwa A.	(111)-GROWN INGAAS/GAAS QUANTUM DOTS AS IDEAL SOURCE FOR ENTANGLED PHOTON PAIRS	12:10-12:30	Arikan M.	OPTICAL SPECTRA OF ORGANIC QUANTUM DOTS IN THE STRONG COUPLING REGIME
12:30-12:50	Troiani F.	TOWARDS THE GENERATION OF INDISTINGUISHABLE PHOTONS FROM NON-IDENTICAL ARTIFICIAL MOLECULES	12:30-12:50	Elyukhin V. A.	SELF-ASSEMBLING OF 104CA NANOCLUSTERS IN ZNTE:(CA,O)
12:50 - 14:20	Lunch				

Plenary Session SatB (Room D'Enghien)

14:20-14:50	L.Butov	Indirect excitons in coupled quantum wells (Invited)
14:50-15:20	A.Hoffmann	Single dot spectroscopy – nitrides vs. arsenides (Invited)
15:20-15:50	B.Gerardot	Optically Manipulating and Probing Hole-Spin in a Single Quantum Dot (Invited)
15:50-16:20	A.Pucci	Resonant plasmonic and vibrational coupling for surface enhanced vibration spectroscopy (Invited)
16:20-16:40	Coffee Break	

Parallel Sessions

Session SatA2 (Room D'Enghien)			Session SatB2 (Room B)		
Light matter coupling: polaritons			**Spin-related phenomena**		
16:40-17:00	Cerda-Mendez E.	DYNAMIC MODULATION OF MICROCAVITY POLARITONS USING NON-PIEZOELECTRIC SURFACE ACOUSTIC WAVES	16:40-17:00	Amo A.	OPTICAL SPIN HALL EFFECT: LINEAR AND NON-LINEAR REGIMES
17:00-17:20	Laucht A.	EXPERIMENTALLY PROBING Dephasing OF ZERO DIMENSIONAL Exciton-Polaritons	17:00-17:20	Glazov M. M.	PUMP-PROBE SPECTROSCOPY OF ELECTRON SPINS IN QUANTUM DOTS
17:20-17:40	Bajoni D.	EXCITON POLARITONS IN TWO-DIMENSIONAL PHOTONIC CRYSTALS	17:20-17:40	Klotz F.	ALL OPTICAL sPIN sTORAGE AND READOUT IN A sINGLE sELF ASSEMBLED QUANTUM DOT
17:40-18:00	Skryabin D. V.	BRIGHT AND DARK CAVITY POLARITON SOLITONS	17:40-18:00	Ostatnický T.	POLARIZATION SELECTION RULES IN SCATTERING OF CAVITY POLARITONS

Sunday April 19th

09:00-17:00 ***Daily trip to Alberobello Village and Castellana Caves***

Monday April 20th

Plenary Session MoA (Room D'Enghien)

9:00-9:30	Y.Kivshar	Nonlinear Physics and light localization in periodic photonic structures (Invited)
9:30-10:00	M.Inguscio	Quantum simulation with ultracold atoms in optical lattices (Invited)
10:00-10:30	T.Bretagnon	Effect of the internal electric field on excitonic transitions in ZnO/(Zn,Mg)O quantum wells (Invited)
10:30-10:35	Best Poster Award	
10:30-10:50	Coffee Break	

Parallel Sessions

Session MoA1 (Room D'Enghien)			Session MoB1 (Room B)		
Growth and characterization of advanced Wide Gap nanostructures			**Plasmons and near-field optics in light matter coupling**		
10:50-11:10	Hazu K.	POLARIZATION PROPERTIES OF M-PLANE ALXGA(1-X)N FILMS SUFFERING FROM IN-PLANE ANISOTROPIC STRESS	10:50-11:10	D'Agostino S.	ELECTROMAGNETIC MODELING OF METAL ENHANCED FLUORESCENCE FOR SILVER NANOSPHERES ON DIELECTRIC SUBSTRATES: THE ROLE OF A SILVER BUFFER LAYER
11:10-11:30	Chichibu S. F.	LONGITUDINAL-TRANSVERSE SPLITTING OF A-EXCITONS IN ZnO HOMOEPITAXIAL FILMS GROWN BY HWPSE METHOD	11:10-11:30	Vincenti M.A.	THEORETICAL ANALYSIS OF ENHANCED TRANSMISSION RESPONSE THROUGH NANOSLITS ON METALLIC SCREENS
11:30-11:50	Faure S.	INTERPLAY BETWEEN BRAGG- AND CAVITY-MODE POLARITONS IN A ZNO MICROCAVITY	11:30-11:50	Ingvarsson S.	THERMAL RADIATION FROM ELECTRICALLY HEATED PLATINUM NANOWIRES
11:50-12:10	Medard F.	STRONG LIGHT-MATTER COUPLING AT ROOM TEMPERATURE IN A BULK ZINC OXIDE MICROCAVITY	11:50-12:10	Shiv Shankar S.	CONTROLLED NANOSTRUCTURING OF METAL SURFACES FOR SPATIALLY CONFINED METAL ENHANCED FLUORESCENCE APPLICATIONS
12:10-12:30	Gür E.	NANO-POROUS STRUCTURES ONTO THE ZnO THIN FILMS	12:10-12:30		
12:30-12:50	Larciprete M.C.	POLARIZATION MAPPING BY NONCOLLINEAR SECOND HARMONIC GENERATION	12:30-12:50		