

THURSDAY, 15TH DECEMBER

09.30-11.00	REGISTRATION
11.00-11.15	COFFEE BREAK
11.15-11.30	WELCOME & OPENING M. E. PORTNOI, C. A. DOWNING & G. ERAMO
	SESSION 1 - CHAIR: M. E. PORTNOI
11.30-12.00	VINCENZO GIANNINI <i>Casimir nanoparticle levitation with broadband perfect magnetic conductor metamaterials</i>
12.00-12.30	ANTONIO FERNANDEZ DOMINGUEZ <i>Quantum nanophotonics: antibunched light and molecular entanglement</i>
12.30-15.00	LUNCH + DISCUSSIONS
	SESSION 2 - CHAIR: V. GIANNINI
15.00-15.15	ANNA GRUDININA <i>Tracking dark excitons with the Bogoliubov sound velocity</i>
15.15-15.30	ANDREW WILD <i>Designer Dirac cones and terahertz magneto-optics in graphene superlattices</i>
15.30-16.00	JAVIER CUERDA <i>Topological photonics with plasmonic lattices</i>
16.00-17.00	COFFEE BREAK + DISCUSSIONS

FRIDAY, 16TH DECEMBER

	SESSION 3 - CHAIR: J. CUERDA
09.30-10.00	DMITRY KRIZHANOVSKII <i>Nonlinear polaritons in photonic microstructures: from many-body phenomena to single polariton nonlinearity</i>
10.00-10.30	HELGI SIGURDSSON <i>Probing long-time dynamics in optically trapped exciton-polariton condensates</i>
10.30-11.00	OLEKSANDR KYRIIENKO <i>A unified theory of nonlinear phase space filling in polaritonic systems</i>
11.00-11.30	COFFEE BREAK + DISCUSSIONS
	SESSION 4 - CHAIR: D. KRIZHANOVSKII
11.30-12.00	FRANK VOLLMER <i>Single Molecules on Whispering Gallery Modes</i>
12.00-12.30	ANTONIO MAFFUCCI <i>New quantum mechanisms for emission and detection of the THz radiation: results from the TERASSE project</i>
12.30-15.00	LUNCH + DISCUSSIONS
	SESSION 5 - CHAIR: A. FERNANDEZ DOMINGUEZ
15.00-15.15	ALVARO BUENDIA <i>Minimizing effect of long-range interactions in topological plasmonic arrays</i>
15.15-15.30	SALVATORE CHIAVAZZO <i>Robust polaritons in magnetic monolayers of CrI3</i>
15.30-16.00	TAMSIN COOKSON/HELGI SIGURDSSON <i>Giant vorticity in geometrically frustrated polygons of polariton</i>
16.00-18.00	COFFEE BREAK + DISCUSSIONS
18.00-19.00	WELCOME COCKTAIL IN THE HOTEL BAR

SATURDAY, 17TH DECEMBER

11.00-13.00	WORLD CUP: 3RD PLACE PLAY-OFF
13.00-16.00	LUNCH + DISCUSSIONS
	SESSION 6 - CHAIR: M. PORTNOI
16.00-16.30	DAVID SNOKE <i>Equilibrium properties and persistent circulation of a polariton condensate</i>
16.30-17.00	OLEG KIBIS <i>Optically induced electronic states of repulsive potentials in nanostructures</i>
17.00-18.00	COFFEE BREAK + DISCUSSIONS

SUNDAY, 18TH DECEMBER

11.00-13.00	WORLD CUP: FINAL
13.00-16.00	LUNCH + DISCUSSIONS
	SESSION 7 - CHAIR: O. KIBIS
16.00-16.30	CRISTIANE DE MORAIS SMITH <i>Quantum fractals</i>
16.30-17.00	MISHA PORTNOI <i>Terahertz emission from quasi-one-dimensional carbon nanostructures</i>
17.00-18.30	COFFEE BREAK + DISCUSSIONS
18.30-21.00	GALA DINNER (MEET IN HOTEL LOBBY AT 18.30)

MONDAY, 19TH DECEMBER

08.30-16.00

EXCURSION (MEET IN HOTEL LOBBY AT 08.30)

TUESDAY, 20TH DECEMBER

	SESSION 8 - CHAIR: A. VIDIELLA BARRANCO
09.30-10.00	MARIA BLANCO DE PAZ <i>Bound states in the continuum in sub-wavelength arrays of quantum emitters</i>
10.00-10.30	DMITRY MELNIKOV <i>Topological toolkit for quantum computation</i>
10.30-11.00	ALEXEY KAVOKIN <i>Edge electronic states in a conducting Moebius stripe subjected to a strong magnetic field</i>
11.00-11.30	COFFEE BREAK + DISCUSSIONS
	SESSION 9 - CHAIR: O. KYRIIENKO
11.30-12.00	DOMINIC HALLET <i>Chiral light-matter interactions in a waveguide-coupled nanocavity</i>
12.00-12.30	PAUL WALKER <i>Exciton-polariton nonlinear interactions at single particle average intensities</i>
12.30-15.00	LUNCH + DISCUSSIONS
	SESSION 10 - CHAIR: DE MORAIS SMITH
15.00-15.30	ANTONIO VIDIELLA BARRANCO <i>Quantum truncation of "classical" states of light</i>
15.30-16.00	GALIA POZINA <i>Development of epitaxial widebandgap semiconductors with potential for nanophotonics and power electronics</i>
16.00-17.00	COFFEE BREAK + DISCUSSIONS

WEDNESDAY, 21TH DECEMBER

	SESSION 11 - CHAIR: P. WALKER
09.30-10.00	CHARLES DOWNING <i>Quantum exceptional points</i>
10.00-10.30	SERGEY ALYATKIN <i>Optical lattice of interacting vortices in nonresonantly driven polariton condensates</i>
10.30-11.00	IVAN GNUSOV <i>Stirring-induced vorticity in nonlinear fluids of light</i>
11.00-11.30	COFFEE BREAK + DISCUSSIONS
	SESSION 12 - CHAIR: M. PORTNOI
11.30-12.00	GIUSEPPE ERAMO <i>On the Athena European University</i>
12.00-12.30	ALEXEY KAVOKIN <i>Closing</i>
12.30-14.00	LUNCH
14.00-16.00	DISCUSSIONS
16.00-17.00	COFFEE BREAK