

DAY 1 - 16/03/2017

TIME	Nº	SESSION	SPEAKER
8:30 - 9:00		Registration	
9:00 - 9:10		Opening (welcome by FSTC dean and by Giusy Scalia)	Local Organisers
9:10 - 10:00		MC Meeting	Action Chair/ Grant Holder
10:00 - 11:00		Presentations	
10:00-10:20	1	Training School: Photonics Integration: advanced materials, new technologies and applications (Erice)	Antonio D'Alessandro
10:20-10:40	2	Bent-Core Liquid Crystalline Dimers	Vladimira Novotna
10:40-11:00	3	Ferroelectricity and Helicity in the achiral bent-core Liquid crystals	Sithara Sreenilayam
11:00 - 11:30		Coffee Break	
11:30 - 13:00		Presentations	
11:30-12:00	4	Tutorial: Gravimetric biosensors: an overview	Enrique Iborra
12:00-12:20	5	STSM: Film Bulk Acoustic Resonators Based on Scandium Doped Aluminum Nitride	Michael Schneider
12:20-12:40	6	STSM: Biocompatible chromonic liquid crystals for photonic sensors:alignment studies and applications	Caterina Maria Tone
12:40-13:00	7	New liquid crystalline elastomers investigated by Deuterium NMR and X-ray diffraction measurements	Valentina Domenici
13:00 - 14:10		Lunch	
14:10 - 16:50		Presentations	
14:10-14:40	8	Tutorial: Introduction to synthesis of Liquid Crystals	Przemysław Kula
14:40-15:00	9	STSM: Study of electro-optical properties of liquid crystal devices by doping with titanium dioxide nanoparticles	Braulio Garcia-Camara
15:00-15:20	10	Experimental and numerical analysis of lattice plasmon modes in substrate-supported gratings of monomers & dimers	Joseph Marae Djouda
15:20-15:30		Short break (10 minutes, no coffee)	
15:30-15:50	11	Optoelectronic devices with liquid crystals and PDMS channels	Rita Asquini
15:50-16:10	12	Plasmonic nanogaps through 2 applications: nanolight sources and enhanced Raman sensing	Jean-Sebastien G Bouillard
16:10-16:30	13	Dielectric and phonon studies of cobalt ferrite doped lead zirconium titanate multiferroic composites	Robertas Grigalaitis
16:30-16:50	14	Dielectric properties of multiferroic ceramics of the Bi _{1-x} LaxFe _{0.50} Sc _{0.50} O ₃ metastable solid solutions system	Juras Banys
16:50 - 17:10		Coffee Break	
17:10 - 18:30		Presentations	
17:10-17:30	15	The inversion phenomenon of the helical twist sense in antiferroelectric liquid crystal pure compounds	Michał Czerwiński
17:30-17:50	16	Temperature dependence on helical pitch in liquid crystalline mixtures of compounds differing in the length of chiral chain	Anna Drzewicz
17:50-18:10	17	Soft solution synthesis of Ga-doped ZnO nanostructures with controlled morphology	Pablo Gil Villanueva
18:10-18:30	18	Linear Electro-optic Response in non-Chiral Bent-Core Liquid Crystalline Systems	Yuri Panarin
20:00 h		Dinner	

DAY 2 - 17/03/2017

TIME	Nº	SESSION	SPEAKER
8:50- 9:00		Signature Attendance List	
9:00 - 10:50		Presentations	
9:00-9:30	19	Tutorial: The Active Plasmonics Paradigm	Roberto Caputo
9:30-9:50	20	STSM: The Effects of Area on The Performance of Solidly Mounted Resonators	Ngoc Nguyen
9:50-10:10	21	Narrowband terahertz transmission filters based on guided mode resonant gratings	Dimitrios Zografopoulos
10:10-10:30	22	STSM: Helical pitch, tilt angle & spontaneous polarization measurements of chosen ferroelectric liquid-crystalline mixtures	Katarzyna Kurp
10:30-10:50	23	STSM: Tunable Hybrid Liquid Crystal Metamaterial Systems for Photonic Applications	Oleksandr Buchnev
10:50 - 11:10		Coffee Break	
11:10 - 13:00		Presentations	
11:10-11:40	24	Tutorial: Tuning properties in electroceramics by composition and microstructural control	Lavinia Curecheriu
11:40-12:00	25	Planar nano-structured silicon lenses for optical manipulation	Georgiy Tkachenko
12:00-12:20	26	Design of new liquid crystalline materials with definite properties	Alexey Bubnov
12:20-12:40	27	Synthesis & properties of chosen 4-butyl-phenyltolane derivatives	Jakub Herman
12:40-13:00	28	Tamm plasmon modes on semi-infinite metallodielectric superlattices	Goran Isic
13:00 - 15:00		Lunch	
15:00 - 16:40		Presentations	
14:30-14:50	29	Investigation of dielectric properties of liquid crystals with the non-uniform structure	Vladimir Venediktov
14:50-15:10	30	Rotation of Light Polarization from Aligned Carbon Nanotube Sheets	Asiqur Rahman
15:10-15:30	31	Optical and magneto-optical sensors based on plasmon resonance	Volodymyr Tkachenko
15:30-15:50	32	Effect of porosity on nonlinear dielectric properties of BaTiO ₃ porous ceramics	Leontin Padurariu
15:50-16:10	33	Bismuth ferrite based single multiferroic materials	Nikola Ilic
16:40 - 17:30		Closing	
17:30		Ending at Bernard Massard (optional)	