

**Thursday, April 14**

08:00-09:00	<i>Registration</i>	
09:00-09:10	<b>Opening</b>	
09:10-10:00	<b>MCM meeting</b>	
10:00-10:20	Thomas Maurer	Building a consortium around plasmomechanics
10:20-10:40	Leonid Gurevich	Nanolab Facilities at AAU
10:40-11:00	<b>Coffee break</b>	
11:00-11:20	Kristiaan Neyts	Light emission and lasing in liquid crystal devices
11:20-11:40	Giusy Scalia	Electro-optic switching with liquid crystal graphene
11:40-12:00	Daniel Budaszewski	Photonic crystal fibers infiltrated with liquid crystals doped with metallic nanoparticles
12:00-12:20	Katarzyna Rutkowska	Integrated optic devices based on liquid crystalline materials
12:20-12:40	Jan Lagerwall	Changing the nature of the isotropic-cholesteric transition in suspensions of cellulose nanocrystals by tuning the ionic strength of the solvent
12:40-13:00	Anna Spadlo	Biopolymers as alignment layer for liquid crystal mixture
13:00-15:00	<b>Lunch</b>	
15:00-15:20	Christophe Blanc	Particles at Nematic Liquid Crystal Interfaces
15:20-15:40	Peter Salamon	Measurement of spontaneous polarization in novel types of polar liquid crystal materials
15:40-16:00	Katalin A. Gillemot	Aggregation dynamics of elongated particles confined at liquid surfaces or in nematic phases, a numerical model development
16:00-16:20	Vladimir Venediktov	Special features of electro-optics of composites with liquid crystal
16:20-16:40	Yuri Panarin	Spontaneous Mirror-Symmetry Breaking in Different non-Chiral Liquid Crystalline Systems
16:40-17:00	<b>Coffee break</b>	
17:00-17:20	Joseph Marae Djouda	Angular Plasmon Response of Gold Nanoparticles Arrays: Approaching the Rayleigh Limit
17:20-17:40	Balazs Szabo	Electro- and magneto-optical studies of colloidal suspensions of anisometric particles
17:40-18:00	Antonio Ferraro	Terahertz Characterization of Metamaterial
18:00-18:20	UGO CATALDI	Plasmon-exciton interaction study carried out on elastomeric template covered with Gold Nanoparticles and Rhodamine-6g
18:00-18:45	<i>Free time</i>	
19:00-22:00	<b>Social dinner</b>	<i>Departure from the main entrance of Vilnius University at 18:45</i>

**Friday, April 15**

08:30-09:00	<i>Registration</i>	
09:00-09:20	Neil Kemp	Non-Volatile Resistive Switching Memories based on Nanoscale Hybrid Materials
09:20-09:40	Trinh Bich Hoang	Development of Love wave mode device for glucose detection
09:40-10:00	Mario De Miguel Ramos	Transparent thin film bulk acoustic wave resonators
10:00-10:20	Michael Schneider	Pure and doped piezoelectric aluminium nitride thin films and their applications in MEMS devices
10:20-10:40	Dimitrios Zografopoulos	Low-loss flexible terahertz polarizers with high extinction ratio
10:40-11:00	Ngoc Nguyen	A New Design Method for The Improvement of FBAR Quality Factor at Anti-resonance Frequency
11:00-11:20	<b><i>Coffee break</i></b>	
11:20-11:40	Mara Bernardo	Recent developments in the synthesis and microstructure of multiferroic materials based on BiFeO <sub>3</sub>
11:40-12:00	Felicia GHEORGHIU	Multiferroic diluted magnetic oxides: The influence of iron addition on the functional properties of BaTiO <sub>3</sub> ceramics
12:00-12:20	Nikola Ilić	Improvement of electrical and electronic properties, polarization and magnetization of BiFeO <sub>3</sub> by modification of synthesis route and chemical composition
12:20-12:40	Branimir Bajac	Dielectric properties of multiferroic BaTiO <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> multilayer thin films: Interface effects
12:40-14:10	<b><i>Lunch</i></b>	
14:20-15:20	<b><i>Excursion</i></b>	
15:20-15:40	Francesco viscomi	Nano fabrication processes for innovative plasmonic systems
15:40-16:00	Santiago Esconjauregui	Co-based catalysts for the growth of carbon nanotube forests with controlled chirality
16:00-16:20	Michał Czerwiński	Physicochemical and electrooptical properties of new orthoconic ferro- and antiferroelectric liquid crystalline materials
16:20-17:00	<b><i>Closing and farewell coffee</i></b>	