International Workshop of Polariton Devices: Scientific Research and Perspectives Programme

24 - 27 March 2014 - Saint-Petersburg, Peterhof, Russia

Monday 24.03.14		*Arrival(Transfer to the hotel on a bus) and Registration of the participants*	
20:00	*22:00*	*Welcome Reception*	
Tuesday 25.03.14			
10:20	*11:00*	*LECTURE*	*Professor Wolfgang Langbein* *"Ultrafast coherent dynamics of excitons in micropillars in the strong coupling regime of cavity QED"*
11:00	*11:15*	*TALK*	*Dr. Stefano Portolan* *"Generation of hyper-entangled photon pairs in coupled microcavities"*
11:15	*11:55*	*Coffee break*	
11:55	*12:40*	*LECTURE*	*Professor Dmitry Krizhanovskiy* *"Bright and dark polariton solitons in GaAs slab waveguides with giant optical nonlinearity"*
12:40	*12:55*	*TALK*	*Pasquale Cilibrizzi* *"A study of the formation of dark-solitons in semi-conductor microcavities"*
13:00	*14:50*	*Lunch*	
14:50	*15:30*	*LECTURE*	*Professor David Lidzey* *"Spectroscopy of strongly-coupled organic-semiconductor microcavities"*
15:30	*15:45*	*TALK*	*Alexis Askitopoulos* *"An ultra-fast Polariton condensate spinor switch"*
15:45	*16:00*	*TALK*	*Dr. Mikhail Glazov* *"Spin coherence and noise in Polariton lasers"*
16:00	*16:35*	*Coffee break*	
16:35	*17:15*	*LECTURE*	*Professor Eugenius Ivchenko* *"Electron spin dynamics in the streaming regime"*
17:15	*17:30*	*TALK*	*Konstantinos Daskalakis* *"Nonlinear interactions in an organic Polariton condensate"*
17:30	*17:45*	*TALK*	*Dr. Peter Kirton* *"A non-equilibrium model of photon condensation"*
17:45	*18:00*	*TALK*	*Scott Dufferwiel* *"Strong exciton-photon coupling in open microcavities"*

Wednesday 26.03.14			
10:20	*11:00*	*LECTURE*	*Professor Dr. Sven H**ö**fling* *"Magneto-exciton polariton condensation"*
11:00	*11:15*	*TALK*	*Dr. Jonathan Keeling* *"Pairing phases of polaritons"*
11:15	*11:45*	*Coffee break*	
11:45	*12:00*	*TALK*	*Dr. Simone De Liberato* *"Polaritonic devices in the deep strong coupling regime: the breakdown of the Purcell effect"*
12:00	*12:15*	*TALK*	*Alexandr Poddubny* *"Topological edge states in plasmonic and Polaritonic nanostructures"*
12:15	*12:30*	*TALK*	*Dr. Vasileios Apostolopoulos* *"Terahertz emission by diffusion of carriers and metal-mask dipole inhibition of radiation"*
12:30	*13:10*	*LECTURE*	*Dr. Vladimir Kochereschko* *"Magnetic field included polariton condensation in microcavities"*
13:10	*14:50*	*Lunch*	
15:00	*18:00*	*Excursion*	
19:00	*23:30*	*Social Dinner*	
Thursday 27.03.14			
10:20	*11:00*	*LECTURE*	*Dr. Valerii Zapasskii* *"Informative abilities of spin noise spectroscopy"*
11:00	*11:15*	*TALK*	*Dr. Francesco Masia* *"Exciton dephasing in colloidal nanostructures"*
11:15	*11:30*	*TALK*	*Dr. Sam Berry* *""Multiplexing THz emitters based on the lateral photo-Dember effect and Schottky barriers"*
11:30	*11:45*	*TALK*	*Alexandr Alodjants* *"Exotic BECs with low dimensional coupled matte-light states"*
11:45	*12:00*	*TALK*	*Nikolay Gippius* *"Polarisation manifolds of nonequilibrium condensates"*
12:00	*12:30*	*Coffee break*	
12:30	*13:30*	*Excursion to RC Nanophotonics*	
13:30	*13:50*	*CLOSING REMARKS*	*Professor Alexey Kavokin & Professor Pavlos Lagoudakis*
14:00	*15:00*	*Lunch*	
15:00		*Departure*	