

VI International School of Nanophotonics and Photovoltaics (ISNP-13)

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POLATOM ESF School on

"Cold atoms, excitons, exciton-polaritons and surface plasmon-polaritons"

August 30 - September 06, 2013 - MARATEA, Italy

Program

30.08.2013 Fri		Arrival and Registration of the participants at the Hotel Villa del Mare
13:00	14:30	<i>Lunch</i>
20:00		<i>Welcoming cocktail</i>

31.08.2013 Sat.		Speaker	Title of lecture
09:00	10:00	Aldo Di Carlo	Dye Sensitized Solar Cells
10:15	10:45	Carlo Levi	Bimolecular process in catalysis and photophysics
10:45	11:00	Coffee break	
11:00	11:45	Simone De Liberato	The physics of the ultrastrong coupling regime
12:00	12:45	Simone De Liberato	The physics of the ultrastrong coupling regime
13:00	14:30	<i>Lunch</i>	
15:00	15:45	Chiara Fort	Many body physics with ultra cold atomic gases
16:00	16:45	Chiara Fort	Many body physics with ultra cold atomic gases
16:45	17:00	Coffee break	
17:00	17:45	Stephanie Reimann	Vortices in rotating BECs
18:00	18:45	Stephanie Reimann	Vortices in rotating BECs

01.09.2013 Sun.		Speaker	Title of lecture
09:00	09:45	Luis Vina	Manipulation of polariton condensates in semiconductor microcavity ridges
10:00	10:45	Luis Vina	Manipulation of polariton condensates in semiconductor microcavity ridges
10:45	11:00	Coffee break	
11:00	11:45	Paolo Lugli	Organic optoelectronic devices
12:00	12:45	Paolo Lugli	Organic optoelectronic devices
13:00	14:30	<i>Lunch</i>	
15:00	15:45	Alexey Kavokin	Spin dynamics of excitons
16:00	16:45	Poster session	
17:00	17:45	Poster session	
18:00	18:15	Coffee break	
		<i>Football game</i>	

02.09.2013 Mon.		Speaker	Title of lecture
09:00	09:45	Pavlos Savvidis	Electrical and optical manipulation of polariton condensates on a chip
10:00	10:45	Pavlos Savvidis	Electrical and optical manipulation of polariton condensates on a chip
10:45	11:00	Coffee break	
11:00	11:45	Dmitriy Solnyshkov	Spin-orbit coupling and topological effects in polariton condensates
12:00	12:45	Dmitriy Solnyshkov	Spin-orbit coupling and topological effects in polariton condensates
13:00	14:30	Lunch	
15:00	15:45	Pavlos Lagoudakis	Hybrid nanophotonics for energy efficiency
16:00	16:45	Pavlos Lagoudakis	Huygen ' s clocks and Berry ' s interferences in semiconductor microcavities
16:45	17:00	Coffee break	
17:00	17:45	Andrea Reale	Organic nanostructures for large area Organic Photovoltaics

20:00	<i>Social dinner. Dancing Hall</i>
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03.09.2013 Tuesday	
Sightseeing Day — T.B.C.	

04.09.2013 Wed.		Speaker	Title of lecture
09:00	09:45	Yuriy Rubo	Vortices in multicomponent exciton-polariton superfluids
10:00	10:45	Yuriy Rubo	Vortices in multicomponent exciton-polariton superfluids
10:45	11:00	Coffee break	
11:00	11:45	Mikhail Portnoi	Excitonic effects in carbon-based nanostructures
12:00	12:45	Mikhail Portnoi	Excitonic effects in carbon-based nanostructures
13:00	14:30	Lunch	
15:00	15:45	Wolf Von Klitzing	Experimental aspects of Bose-Einstein Condensation
16:00	16:45	Wolf Von Klitzing	Experimental aspects of Bose-Einstein Condensation
16:45	17:00	Coffee break	
17:00	17:45	Project meeting LIMACONA - ?????	
18:00	18:45		
<i>Football game</i>			

05.09.2013 Thu.		Speaker	Title of lecture
09:00	09:45	Iacopo Carusotto	The quest for strongly correlated gases of photons and polariton
10:00	10:45	Iacopo Carusotto	The quest for strongly correlated gases of photons and polariton
10:45	11:00	Coffee break	
11:00	11:45	Carlos Tejedor	Surface Plasmon Polaritons
12:00	12:45	Carlos Tejedor	Surface Plasmon Polaritons
13:00	14:30	Lunch	
15:00	15:45	Alberto Bramati	Quantum optics in solid state system
16:00	16:45	Alberto Bramati	Quantum optics in solid state system
16:45	17:00	Coffee break	
17:00	17:45	Vladimir Kochereshko	Advanced seminar: "Exciton g-factor in quantum wells
18:00	18:45	Konstantin Kobakhidze	Usage of Low-power Off-grid Solar Photovoltaic Systems in High Mountainous Regions
20:00		<i>Dinner, Dancing Hall</i>	

06.09.2013 Friday	
Departure day	