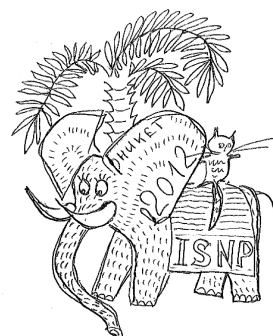


V International School of Nanophotonics and Photovoltaics

30 March — 6 April, 2012 - Phuket, Thailand

Program



		Speaker	Title of lecture
30.03.2012			
Arrival and Registration of the participants			
20:00	22:00	Welcome reception	

31.03.2012		Speaker	Title of lecture
11:00	11:45	Stephan Koch	"Light-matter coupling and many-body effects in semiconductor based nanostructures"
12:00	12:45	Stephan Koch	"Light-matter coupling and many-body effects in semiconductor based nanostructures"
13:00	14:30	Lunch	
15:00	15:45	Claude Weisbuch	"Nitride based LEDs and photovoltaics"
16:00	16:45	Claude Weisbuch	"Nitride based LEDs and photovoltaics"
16:45	17:00	Coffee break	
17:00	17:45	Alberto Amo	"Hydrodynamics of light matter waves"
18:00	18:45	Jerome Tignon	"Generation of interbranch parametric polaritons in 1D and 2D microcavities"

01.04.2012		Speaker	Title of lecture
09:00	09:45	Jacqueline Bloch	"Polariton condensation in low dimensional semiconductor cavities"
10:00	10:45	Jacqueline Bloch	"Polariton condensation in low dimensional semiconductor cavities"
10:45	11:00	Coffee break	
11:00	11:45	Benoit Deveaud	"Vortices in polariton fluids"
12:00	12:45	Benoit Deveaud	"Vortices in polariton fluids"
13:00	14:30	Lunch	
15:00	15:45	Ivan Shelykh	"Intersubband polaritonics revisited"
16:00	16:45	Bernard Gil	"Optical properties and photonics in zinc oxide structures"
16:45	17:00	Coffee break	
17:00	17:45	David Gershoni	"Writing, reading and controlling the spin state of single excitons using a single picosecond laser pulse"
18:00	18:15	David Gershoni	"Writing, reading and controlling the spin state of single excitons using a single picosecond laser pulse"

02.04.2012			
Sightseeing Day — Visiting Monkey and snake show, Big Buddah			
Lunch in the Thai Restaurant			
Elephant trekking			

03.04.2012		Speaker	Title of lecture
09:00	09:45	Alberto Bramati	"Microcavity polaritons: a new tool for quantum information and optoelectronic applications"
10:00	10:45	Alberto Bramati	"Microcavity polaritons: a new tool for quantum information and optoelectronic applications"
10:45	11:00	Coffee break	
11:00	11:45	Yasuhiko Arakawa	"Basis of light-matter interaction in quantum dot-2D/3D photonic crystal nanocavity coupled systems"
12:00	12:45	Yasuhiko Arakawa	"Basis of light-matter interaction in quantum dot-2D/3D photonic crystal nanocavity coupled systems"
13:00	14:30	Lunch	
15:00	15:45	Dario Gerace	"Photonic Crystals: molding the propagation and confinement of light for advanced nonlinear and quantum optics"
16:00	16:45	Denis Scalbert	"Spin dynamics in III-V microcavities"
16:45	17:00	Coffee break	
17:00	17:45	Ikuo Suemune	"Control of Photon Generation Processes in Semiconductor Nanostructures"
18:00		Poster session	

04.04.2012		Speaker	Title of lecture
09:00	09:45	Dmitry Krizhanovskii	"Bright polariton solitons, vortices and spin effects"
10:00	10:45	Michal Matuszewski	"Supersolidity of excitons"
10:45	11:00	Coffee break	
11:00	11:45	Zhanghai Chen	"Polaritons in ZnO microcavity"
12:00	12:45	Zhanghai Chen	"Polaritons in ZnO microcavity"
13:00	14:30	Lunch	
15:00	15:45	Alexey Kavokin	"Condensation of indirect excitons in coupled quantum wells"
16:00	16:45	Alexey Kavokin	"Condensation of indirect excitons in coupled quantum wells"
16:45	17:00	Coffee break	
17:00	17:45	David Snoke	"Bose-Einstein condensation of long-lifetime polaritons"
18:00	18:45	David Snoke	"Bose-Einstein condensation of long-lifetime polaritons"
20:00		Social Dinner in the sea-food restaurant flying over the Andaman sea	

05.04.2012		Speaker	Title of lecture
09:00	09:45	Natasha Berloff	"Universality in modelling polariton condensates: from lasers to atomic BECs"
10:00	10:45	Natasha Berloff	"Universality in modelling polariton condensates: from lasers to atomic BECs"
10:45	11:00	Coffee break	
11:00	11:45	Igor Lukyanchuk	"New materials for information storage"
12:00	12:45	Igor Lukyanchuk	"New materials for information storage"
13:00	14:30	Lunch	
15:00	15:45	Mikhail Portnoi	"Carbon nanotubes and graphene as terahertz emitters and detectors"
16:00	16:45	Mikhail Portnoi	"Carbon nanotubes and graphene as terahertz emitters and detectors"
16:45	17:00	Coffee break	

06.04.2012			
Departure day			