

International Workshop on the Physics of Excitons

30 March — 6 April, 2013 - Varadero, Cuba

Program

		Speaker	Title of lecture
Sat 30.03.2013		<i>Arrival and Registration of the participants, Hotel Nacional de la Havana</i>	
20:00	22:00	<i>Welcome reception</i>	
Sun 31.03.2013		<i>Transfer of the participants to the Hotel Melia Varadero</i>	
		<i>Greetings of the Participants</i>	
Mon 01.04.2013		Speaker	Title of lecture
10:00	10:40	Bernard Gil	"State of the art spectroscopy in ZnO-based heterostructures"
10:40	11:20	Cristiano Ciuti	"Recent progress on cavity QED with 2D electron gases"
11:20	11:50	<i>Coffee break</i>	
11:50	12:30	Zhanghai Chen	t.b.c.
12:30	13:10	Simone De Liberato	"New frontiers in the physics of intersubband polaritons"
13:10	15:00	<i>Lunch</i>	
15:00	15:40	Izabella Grzegory	"Optoelectronic structures and devices on low dislocation density bulk GaN substrates"
15:40	16:20	Sergey Andreev	"Thermodynamics of a cold dipolar exciton gas"
16:10	16:40	<i>Coffee break</i>	
Tue 02.04.2013		Speaker	Title of lecture
10:00	10:40	Sergey Verbin	"Spin phenomena in quantum dots revealed by charged exciton (trion) photoluminescence"
10:40	11:20	Dmitri Yakovlev	"Second harmonic generation spectroscopy of excitons in magnetic fields"
11:20	11:50	<i>Coffee break</i>	
11:50	12:30	Alex Greilich	"Optical control of 2-spin system in semiconductor quantum dots"
12:30	13:10	Vladimir Kalevich	"Spin filter in spin-dependent recombination and nuclear effects"
13:10	15:00	<i>Lunch</i>	
15:00	15:40	Carlos Trallero Guiner	"Collective excitations of exciton-polariton condensates in micro cavity traps"
15:40	16:20	Sven Hoefling	"Confinement and excitation of exciton-polaritons in semiconductor microcavities"
16:10	16:40	<i>Coffee break</i>	
Wed 03.04.2013			
Sightseeing Day:		excursion to Guama with a visit to the Crocodiles' farm; a visit to the Indian Village or "Aldea Taina"	
		<i>Lunch in a typical Creol restaurant.</i>	

Thu 04.04.2012		Speaker	Title of lecture
10:00	10:40	Rinaldo Santonico	"The puzzle of the mass in the elementary particle world and the Higgs Boson"
10:40	11:20	Pavel Belov	"Purcell Effect, Surface Modes and Nonlocality in Hyperbolic Metamaterials"
11:20	11:50	Coffee break	
11:50	12:30	Ming Wei Wu	"Theory of excitons in cubic III-V semiconductor GaAs, InAs and GaN quantum dots: fine structure and spin relaxation"
12:30	13:10	Michal Matuszewski	"Universality in condensation of exciton-polaritons"
13:10	15:00	Lunch	
Poster session			
17:00			
20:00	Social Dinner, Dancing Hall		

Fri 05.04.2013		Speaker	Title of lecture
10:00	10:40	Yasuhiko Arakawa	"Excitons in quantum dot-photonic crystal nanocavity coupled systems"
10:40	11:20	Emmanuel Rousseau	"Chaos and diffusion in periodic structures"
11:20	11:50	Coffee break	
11:50	12:30	Bernard Gil	"Time-resolved photoluminescence on GaN nano objects grown on (11-22) GaN templates: a transition from a 0D towards a 1D excitonic behaviour"
12:30	13:10	Mikhail Portnoi	"Excitons in narrow-gap carbon nanotubes and gated graphene"
13:10	15:00	Lunch	
15:00	15:40	Alexey Kavokin	"Exciton Mott transition in microcavities"
Sat 06.04.2012			
Departure day			