

International School on Polaritonics

08 – 13 January 2017, Tsakhkadzor, Armenia

Program

Sun 08.01.2017	Arrival of the participants to Tsakhkadzor, accommdation in the Writers House
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Monday 09 January 2017

09:00	12:30	MOUNTAIN SKIING	
12:30	13:30	Lunch	
		Chair:	Title of lecture
14:30	15:30	Alexey Kavokin	Artificial gravitation for excitonic polaritons
15:30	16:00	Stella Kutrovsкая	Colloidal systems of semiconductor-metal clusters for optical devices
16:00	16:15	Chair:	Coffee break
16:15	17:15	Mikhail Glazov	Excitonic properties of two-dimensional semiconductors
17:15	18:00	Ivan V. Ignatiev	THz researches in Russia

Tuesday 10 January 2017

09:00	12:30	MOUNTAIN SKIING	
12:30	13:30	Lunch	
		Chair:	Title of lecture
14:30	15:30	Roman Cherbunin	Electron spin properties of two-dimensional layered materials
15:30	16:00	Philip Grigoriev	Curie temperature in InGaMnAs/AlGaAs quantum wells
16:00	16:15	Chair:	Coffee break
16:15	17:15	Vadim P. Veiko	Laser thermochemistry - local oxidation of thin metal films (How to discover new phenomena?)
17:15	18:00	Nina Voronova	Polariton Rabi oscillations

Wednesday 11 January 2017			
09:00	12:30	MOUNTAIN SKIING	
12:30	13:30	Lunch	
14:30	17:00	Chair:	Title of lecture
14:30	15:30	Alexey Yulin	Mode competition and the formation of nonlinear patterns in polariton condensates
15:30	16:00	Ivan Ryzhov	Experience of spin noise measurements
16:00	16:15	Chair:	Coffee break
16:15	17:15	Ivan Iorsh	Hyperbolic metasurfaces: surface and edge electromagnetic states, intrinsic spin-orbit coupling and nonlinear properties
17:15	17:40	Andrey Kurdyubov	Photoinduced terahertz absorption in semi-insulating GaAs

Thursday 12 January 2017			
09:00	12:30	MOUNTAIN SKIING	
12:30	13:30	Lunch	
14:30	17:00	Chair:	Title of lecture
14:30	15:30	Pavlos Savvidis	t.b.c.
15:30	16:30	Pavlos Lagoudakis	t.b.c.
19:30	Social Dinner in the Restaurant of Tsakhkadzor		

Friday 13 January 2017	
	Last day of the School — departure of the participants