

**X PhD Symposium****4th June - 6st June 2018****Białobrzegi**

Date	Time		Surname	Group	Title	Chairperson	
Monday 04.06	12:00 - 12:15	Opening					<b>Prof. dr hab. M. Gajda</b>
	12:15 - 14:00	Sess I	12:15	Aneta Grochot	ON 4.1	<i>Magnetic and structural studies of GeMnSnTe epitaxial layers</i>	<b>Rafał Kuna</b>
			12:30	Monika Zięba	ON 1.2	<i>Ferromagnetic Properties of Topological Crystalline Insulator <math>\text{Sn}_{1-x}\text{Mn}_x\text{Te}</math> Layers on <math>\text{BaF}_2</math> and GaAs Substrates</i>	
			12:45	Aneta Wardak	ON 1.1	<i>Pockels imaging in CdTe-based compounds</i>	
		13:00	Coffee break				
		Sess II	13:30	Yaroslav Konopelnyk	ON 3.5	<i>Magnetic and magnetocaloric properties of <math>\text{Fe}_2\text{Se}_8</math> single crystals doped with cobalt and nickel ions</i>	
			13:45	Artem Lynnyk	ON 3.5	<i>Alkali metal and organic compounds intercalated FeSe-based superconductors investigations</i>	
	14:00		Oleksandr Chumak	ON 3.2	<i>Magnetoelastic, magnetic anisotropy and magnetic damping investigations of Co-based Heusler alloy thin films</i>		
	14:30 - 15:30	Lunch					
	15:30 - 17:15	Sess III	15:30	Rafał Ołdziejewski	CFT	<i>Roton in a many-body dipolar system</i>	<b>Ivan Yahniuk</b>
			15:45	Wojciech Wołkanowicz	ON 1.2	<i>Epitaxial Growth, Structural and Electric Properties of <math>\text{SnTe}/\text{CdTe}</math> and <math>\text{Pb}_{1-x}\text{Sn}_x\text{Te}/\text{CdTe}</math> Topological Layers</i>	
16:00			Rafał Rudniewski	Mag Top	<i>Fabrication microdevices in epitaxially grown CdTe quantum wells</i>		

			16:15	Coffee break			Ivan Yahniuk
		Sess IV	16:45	Rafał Rechciński	ON 5	<i>Topological states on uneven PbSnSe surfaces</i>	
			17:00	Paweł Miętki	ON 5	<i>Instability of Exciton-Polaritons System in Semimagnetic Semiconductor Microcavity</i>	
			17:15	Jacek Dobrzyniecki	ON 5	<i>Effective two-mode description of the dynamics of interacting bosons confined in a double-well trap</i>	
18:00 – 19:00	Dinner						
Tuesday 05.06	09:00 - 10:00	Breakfast					
	10:00 - 12:30	Sess V	10:00	Kamil Koroński	ON 4.1	<i>Comparison of optical properties of GaN/AlGaIn quantum structures grown along polar (c-plane) and non-polar (m-plane) crystallographic directions</i>	Michał Grzybowski
			10:15	Volodymyr Tsiumra	ON 4.1	<i>Down-conversion process in the Bi<sup>3+</sup>-Yb<sup>3+</sup> co-doped oxides</i>	
			10:30	Julita Rosowska	ON 4.2	<i>The effect of ytterbium content on properties of ZrO<sub>2</sub>:Pr, Yb nanoparticles prepared by microwave hydrothermal method</i>	
			10:45	Damian Włodarczyk	ON 4.1	<i>Optical studies of BaWO<sub>4</sub> doped with Ce<sup>3+</sup> and Na<sup>+</sup></i>	
			11:00	Coffee break			
		Sess VI	11:30	Lev-Ivan Bulyk	ON 4.1	<i>Eu<sup>3+</sup> Luminescent Centers in RE=Y, Gd, Tb Aluminum Perovskites under High Pressure</i>	
			11:45	Yong-Jie Wang	ON 4.1	<i>Hole trap process and highly sensitive optical thermometry in Pr<sup>3+</sup>-doped Na<sub>2</sub>La<sub>2</sub>Ti<sub>3</sub>O<sub>10</sub> micro-crystals with layered perovskite structure</i>	
			12:00	Jan Krzywda	ON 5	<i>Mr. Landau Mr. Zener in Silicon Valley</i>	
			12:15	Damian Kwiatkowski	SL 2.2	<i>Towards resolving spatial structure of nanoscale environment using spin qubits</i>	
	13:00 - 14:00	Lunch					

	14:00 - 16:30	Free time					
	16:30 – 18:00	Sess VII	16:30	Łukasz Mioduszeowski	SL 4	<i>Coarse-grained model of intrinsically disordered proteins</i>	Jan Krzywda
			16:45	Anna Borodziuk	SL 4	<i>Modified upconverting NaYF<sub>4</sub> nanoparticles for photodynamic therapy.</i>	
			17:00	Truong Co Nguyen	ON 5	<i>Heat-induced degradation of fibrils: Exponential and sigmoidal kinetics</i>	
			17:15	Łukasz Kielesiński	ON 2.1	<i>Non-obvious Synthesis of Amido-Coumarins and Their Photophysical Properties</i>	
		17:30	Coffee break				
	18:00 - 19:00	Prof. Andrzej Dragan <i>Relativity versus quantum information</i>					Prof. dr hab. M. Gajda
	19:00 -	Grill					
Wednesday 06.06	09:00 - 10:00	Breakfast					
	10:00 - 12:00	Sess VIII	10:00	Anna Kaleta	SL 1.4	<i>In-Situ TEM Annealing Experiment of Core-Shell Semiconductor Nanowires</i>	Khrystyna Levchenko
			10:15	Krzysztof Morawiec	SL 1.4	<i>Electron Holography Methods for Investigation of Magnetic Nano-objects</i>	
			10:30	Adrian Sulich	SL 1.3	<i>High Resolution X-ray Diffraction Characterization of Novel Ca<sub>3</sub>RE<sub>2</sub>(BO<sub>3</sub>)<sub>4</sub> (RE = Y, Gd) Single Crystals</i>	
		10:45	Coffee break				
		Sess IX	11:15	Joanna Moneta	IWC	<i>Strain Relaxation of InGaN Epitaxial Layers</i>	
			11:30	Mikołaj Grabowski	IWC	<i>Point defects in GaN:Si grown by MOVPE and their influence on decomposition of InGaN QWs</i>	
			11:45	Karolina Kalbarczyk	SL 2.3	<i>Technological approach to vertical transport structures based on GaN epilayers</i>	

	12:00 - 12:15	Closing	<b>Prof. dr hab. M. Gajda</b>
	13:00 - 14:00	Lunch	
	14:00	Bus to Warsaw	