



IX PhD Symposium

29th May - 31st May 2017

Kazimierz Dolny nad Wisłą

Date	Time		Name	Surname	Group	Title	Chairperson	
Monday 29.05	14:00 - 15:00	Lunch						
	15:00 - 15:50	Free time						
	15:50 - 16:00	Opening						Prof. dr hab. M. Gajda
	16:00 - 17:45	Sess I	Grzegorz	Mazur	SL 2.3	<i>Stretching magnetism with an electric field in a nitride semiconductor</i>		Magdalena Majewicz
			Damian	Kwiatkowski	SL 2.2	<i>Entanglement dynamics of NV centers coupled to a bath of ^{13}C nuclear spins</i>		
			Monika	Zięba	ON 1.2	<i>Ferromagnetic and structural properties of $\text{Sn}_{1-x}\text{Mn}_x\text{Te}$ layers</i>		
			Michał	Grzybowski	SL 2.3	<i>Towards Imaging Current-Induced Switching of Single Antiferromagnetic Domains in CuMnAs</i>		
			Oleksandr	Chumak	ON 3.2	<i>Magnetocrystalline anisotropy and magnetoelastic properties of the CFMS and CFGG Heusler alloys films</i>		
			Yaroslav	Konopelnyk	ON 3.5	<i>Magnetic and magnetocaloric properties of cobalt substituted $\text{Fe}_{7-x}\text{Se}_8$ single crystals</i>		
	17:45 - 18:00	Coffee break I						
18:00 - 19:00	Invited talk	Prof. Paweł Nurowski, CFT PAN: presentation “Early history of gravitational waves” + short movie “It had to be so, Andrzej Trautman interviewed by Krzysztof Zanussi”					Prof. dr hab. M. Gajda	
19:00 - 20:00	Dinner							

Tuesday 30.05	8:00 - 9:00	Breakfast						
	9:00 - 10:25	Sess II	Aneta	Grochot	ON 4.1	<i>Magnetic properties of $Ge_{1-x}Mn_xTe$ – multiferroic semiconductor</i>		Justice Archer
			Katarzyna	Karnas	CFT	<i>Criteria for universality of d-mode quantum gates</i>		
			Jakub	Plachta	SL 3.1	<i>Growth and properties of type II ZnTe/CdSe radial nanowire heterostructures</i>		
			Karolina	Kalbarczyk	SL 2.3	<i>Electron Transport in GaN:Si/(Ga,Mn)N/GaN:Si Spin Filter Structures</i>		
			Rafał	Rudniewski	SL 3.1	<i>Toward a spin filter based on CdTe quantum wells</i>		
	10:25 - 10:55	Coffee break II						
	10:55 - 12:20	Sess III	Piotr	Caban	ON 4.2	<i>p-ZnO/GaAs heterojunction solar cells fabricated by the ALD and RTP method</i>		Anna Kafar
			Dawid	Śnieżek	SL 2.2	<i>Ballistic transport of topological surface states in SnTe/CdTe interface</i>		
			Kamil	Koroński	ON 4.1	<i>Optical properties of GaN/AlGaN multi-quantum-wells: ambient and high-pressure study</i>		
			Mikołaj	Grabowski	IWC	<i>Properties of AlGaN/GaN Ni/Au Schottky diodes on 2-off silicon carbide substrates</i>		
			Krzysztof	Gibasiewicz	IWC	<i>Practical Method of Fast Fabrication of 1μm diameter μLEDs</i>		
12:20 - 13:20	Lunch							
13:20 - 17:30	Free time							
18:00 - 18:40	Workshop on PhD grants/projects						Michał Grzybowski	
19:00 -	Grill							

Wednesday 31.05	08:00 - 09:00	Breakfast					
	09:00 - 10:25	Sess IV	Diana	Kalinowska	SL 1.2	<i>Local atomic structure investigation of novel coumarin Schiff base complex with copper ions</i>	Kinga Lasek
			Adrian	Sulich	SL 1.3	<i>Structural Properties of SnTe Film Grown on Miscut GaAs(001): XRD and AFM Studies</i>	
			Anna	Kaleta	SL 1.4	<i>Structural investigations of core-shell III-V semiconductor nanowires by TEM methods</i>	
			Krzysztof	Morawiec	SL 1.4	<i>GPU application for in-line electron holography</i>	
			Łukasz	Kielesiński	ON 2.1	<i>Coumarins' photophysics - still challenge in XXI century</i>	
	10:25 - 11:15	Coffee break III					
	11:15 - 12:40	Sess V	Rafał	Oldziejewski	CFT	<i>Quantum measurement of two bosons</i>	Khrystyna Levchenko
			Daniel	Pęcak	ON 2.6	<i>Experimentally Accessible Invariants Encoded in Interparticle Correlations of Ultra-Cold Fermions</i>	
			Jakub	Mikulski	SL 3.1	<i>Colloidal nanoparticles doped with copper</i>	
Przemysław			Kowalik	SL 4	<i>Biological and medical application of up-converting rare-earth ions doped NaYF₄ nanoparticles and magnetic Fe₃O₄ nanoparticles</i>		
Karol			Wołek	SL 4	<i>Assembly and aggregation of thermally denaturated protein complexes in coarse-grained models</i>		
12:40 - 12:50	Closing					Prof. dr hab. M. Gajda	
13:00 - 14:00	Lunch						
15:00	Bus to Warsaw						

