

3 Schedule

SUNDAY, JULY 2		
Time	Event	Page
15:00 – 18:00	<i>Registration</i>	
	OPENING SESSION Chairman: Maciej Krawczyk	
16:20 – 16:30	WORKSHOP SESSION Maciej Krawczyk	
16:30 – 18:00	OPENING LECTURE: <i>Nanomagnonics: From Metals to Insulators</i> Dirk Gründler	18
18:00 – 20:00	<i>Welcome Party</i>	
20:00	<i>Transportation to Delicjusz Hotel in Trzebow</i>	

MONDAY, JULY 3		
Time	Event	Page
	INVITED SESSION 1 Chairman: Dirk Gründler	
9:00 – 9:45	<i>THz Control of Spins with Light</i> Markus Münzenberg	19
9:45 – 10:30	<i>Time-resolved X-ray Imaging with HERALDO</i> Feodor Ogrin	20
10:30 – 11:15	<i>Unconventional Lithography – the Tools for the Fabrication of Arrays with Tunable Magnetic Properties</i> Michał Krupiński	21
11:15 – 11:45	<i>Coffee break</i>	
	INVITED SESSION 2 Chairman: Yurii Filimonov	
11:45 – 12:30	<i>Nano-scaled Magnon Transistor</i> Andrii Chumak	22
12:30 – 13:15	<i>Ubiquitous Graded Magnonic Index: Friend or Foe?</i> Volodymyr Kruglyak	23
13:15 – 14:00	<i>Micromagnetic Simulations: Nano-Magnetism Best Friends</i> Mykola Dvornik	24
14:00 – 15:30	<i>Lunch break</i>	

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	ORAL SESSION 1 Chairman: Markus Münzenberg	
15:30 – 15:50	<i>Theory of Linear Spin Wave Emission from a Bloch Domain Wall</i> Natalie Whitehead	44
15:50 – 16:10	<i>Excitation and Propagation of Spin Wave Pulses in a Magnonic Crystal</i> César L. Ordoñez Romero	45
16:10 – 16:30	<i>Spin Wave Focusing in Thin Magnetic Films with Electric Field Controlled Nonreciprocity</i> Vladimir Krivoruchko	46
16:30 – 16:50	<i>Forced Magnetic Oscillations and Excitation of Bulk Spin Waves by Acoustic Wave at the Plane Defect of a Ferromagnet</i> Yuliia Gusieva	47
16:50 – 17:10	<i>Static and Dynamic Properties of 1D Quasiperiodic Magnonic Structures</i> Filip Lisiecki	48
17:10 – 17:30	<i>Spin Wave Standing Modes in Bicomponent Magnonic Crystals and Quasicrystals</i> Justyna Rychły	49
17:30 – 22:00	<i>Refreshments</i>	
	POSTER SESSION Chairman: Jarosław W. Klos	64–87
19:00 – 20:30	<i>Dinner</i>	

TUESDAY, JULY 4		
Time	Event	Page
	INVITED SESSION 3 Chairman: Konstantin Guslienko	
9:00 – 9:45	<i>Magnetic Excitations in Patterned Films Studied by Brillouin Light Scattering Technique</i> Ryszard Gieniusz	25
9:45 – 10:30	<i>Evolution of Damping and Resonance Field-Shift in Finemet/Pt Thin Film Bilayers</i> Janusz Dubowik	26
10:30 – 11:15	<i>Spin Waves in YIG-based Metasstructures</i> Yurii Filimonov	27
11:15 – 11:45	<i>Coffee break</i>	
	INVITED SESSION 4 Chairman: Andrii Chumak	
11:45 – 12:30	<i>Optical Phenomena in Photonic-Magnonic Crystals</i> Igor Lyubchanskii	28
12:30 – 13:15	<i>Elastic Activation of Localized Spin Wave Modes in a Transient Magnonic Crystal</i> Raanan Tobey	29
13:15 – 14:00	<i>A New Class of Self-similar Solutions of the Landau-Lifshitz Equation for a Spin Wave in a Two-sublattice Antiferromagnet</i> Oksana Gorobets	30
14:00 – 15:30	<i>Lunch break</i>	

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	ORAL SESSION 2 Chairman: Janusz Dubowik	
15:30 – 15:50	<i>Parametric Frequency Mixing in the Magneto-elastically Driven FMR – Oscillator</i> Chia-Lin Chang	50
15:50 – 16:10	<i>Spin-Wave Spectrum in YIG Films and Magnon BEC</i> Edouard Sonin	51
16:10 – 16:30	<i>Temperature Dependent Cavity Magnon Polariton Spectroscopy in YIG</i> Isabella Boventer	52
16:30 – 16:50	<i>Magnetoresistive Sensors With Superferromagnets</i> Vladimir Kondratyev	53
16:50 – 17:10	<i>Tailoring of Uniaxial Magnetic Anisotropy in Permalloy Thin Films Using Selforganized Nano Rippled Templates</i> Sarathlal Koyiloth Vayalil	54
17:10 – 17:30	<i>Neel skyrmion observation in Pt/Co/Ir multilayer nanodots.</i> Mateusz Zelent	55
17:30 – 22:00	<i>Refreshments</i>	
18:00 – 21:30	<i>Dinner</i>	

WEDNESDAY, JULY 5		
Time	Event	Page
	INVITED SESSION 5 Chairman: Gianluca Gubbiotti	
9:00 – 9:45	<i>Magnetic Skyrmions in Patterned Films: Stability and Dynamics</i> Konstantin Guslienko	31
9:45 – 10:30	<i>Spin Excitations in Ultrathin Films with Dzyaloshinskii-Moriya Interaction: Nonreciprocal Spin Wave and Skyrmion Dynamics</i> Michał Mruczkiewicz	32
10:30 – 11:15	<i>Spin-wave Excitation Spectra of Thick Magnetic Circular Dot in Vortex State</i> Gleb Kakazei	33
11:15 – 11:45	<i>Coffee break</i>	
	INVITED SESSION 6 Chairman: Robert Streubel	
11:45 – 12:30	<i>Electrically Driven Magnetic Dynamics</i> Józef Barnaś	34
12:30 – 13:15	<i>Local Injection of Pure Spin Current Generates Electric Current Vortices</i> Yaroslav Bazaliy	35
13:15 – 14:00	<i>Magnetic Vortex Lattice</i> Manfred Albrecht	36
14:00 – 15:30	<i>Lunch break</i>	

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	ORAL SESSION 3 Chairman: Raanan Tobey	
15:30 – 15:50	<i>Calculation of Collision Integral Between Magnons and Phonons at Different Temperatures in Ferroelectric</i> Valerij Shklovskij	56
15:50 – 16:10	<i>Dynamics Of Nano-Skyrmions</i> Rajamani Amuda	57
16:10 – 16:30	<i>Skyrmion Confinement in Magnonic Antidot Lattices</i> Susmita Saha	58
16:30 – 16:50	<i>Electric Field Control of Magnetization Dynamics and Standing Spin Waves Investigated with Spin-Diode Effect</i> Marek Frankowski	59
16:50 – 17:10	<i>Focused Electron Beam-Induced Deposition of Magnonic Metamaterials</i> Oleksandr Dobrovolskiy	60
17:10 – 22:00	<i>Refreshments</i>	
19:00 – 20:30	<i>Dinner</i>	

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9:45 – 10:30	<i>Toward Three-Dimensional Magnonic Crystals</i> Gianluca Gubbiotti	38
10:30 – 11:15	<i>Imprinted Non-collinear Spin Textures</i> Robert Streubel	39
12:00 – 13:30	<i>Lunch</i>	
13:30	<i>Excursion with dinner</i>	

FRIDAY, JULY 7		
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	INVITED SESSION 8 Chairman: Volodymyr Kruglyak	
9:00 – 9:45	<i>Fabrication of Nanostructures for Magnonic and Spintronic Applications</i> Piotr Kuświk	40
9:45 – 10:30	<i>Spin Wave Dynamics in Planar Magnonic Crystals and Quasicrystals</i> Jarosław W. Kłos	41
	ORAL SESSION 4 Chairman: Volodymyr Kruglyak	
10:30 – 10:50	<i>Coupled Spin Modes in a Bilayer Periodic Structure</i> Piotr Graczyk	61
12:30 – 13:15	<i>Spin Wave Beam Propagation through Media with the Graded Refractive Index</i> Paweł Gruszecki	62
16:20 – 16:30	WORKSHOP CLOSING Maciej Krawczyk	
12:00 – 13:00	<i>Lunch</i>	
13:30	<i>Transportation to Poznań</i>	

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