

Preliminary Programme

Sunday, 13. 12. 2015		
	Author	Title
13:00 - 15:45	Arrival & Registration	
15:45 - 16:00	Opening	
	Chair: Werner	
16:00 - 16:30	Fausti	Disclosing fluctuations of lattice atomic positions by non-equilibrium optical experiments
16:30 - 17:00	Tohyama	Optical conductivity out of equilibrium in strongly correlated electron systems
17:00 - 17:20	<i>Coffe Break</i>	
	Chair: Eckstein	
17:20 - 17:50	Zlatic	Nonlinear Peltier effect and the nonequilibrium Jonson-Mahan theorem
17:50 - 18:20	Kogoj	Thermalization after photoexcitation from the perspective of optical spectroscopy
18:20 - 20:00	<i>Dinner break</i>	
	Chair: Kabanov	
20:00 - 20:30	Pogrebna	Superconducting gap in BaFe ₂ (As _{1-x} P _x) ₂ from temperature-dependent transient optical reflectivity
20:30 - 21:00	Medvedyeva	Many-body localization in open systems

Preliminary Programme

Monday, 14. 12. 2015		
	Author	Title
	Chair: Mihailovic	
9:00 - 9:30	Ligges	Ultrafast response of the Mott insulator 1T-TaS ₂
9:30 - 10:00	Prelovšek	Can charge-density waves and Mott cooperate?
10:00 - 10:20	<i>Coffee break</i>	
	Chair: Bonca	
10:20 - 10:50	Prosen	Exactly solvable cellular automaton model of steady state non-equilibrium transport
10:50 - 11:20	Vaskivskiy	Properties of the hidden quantum state in 1T-TaS ₂
11:20 - 11:50	Mierzejewski	Conserved quantities in integrable and perturbed integrable models
11:50 - 16:50	<i>Lunch break</i>	
	Chair: Trugman	
16:50 - 17:20	Werner	Towards an ab-initio simulation of nonequilibrium phenomena in correlated materials
17:20 - 17:50	Žitko	Sub-gap states in the Anderson impurity model at finite temperature and spectroscopy at finite bias voltage
17:50 - 18:20	Subhankulov	Ultrafast modulation of magneto-optical Faraday effect
18:20 - 20:00	<i>Dinner break</i>	
	Chair: Golez	
20:00 - 20:30	Kabanov	Dynamics of resistive state in thin superconducting channels
20:30 - 21:00	Madan	Optically assisted switching between phase slip configurations in superconducting nanowires

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Tuesday, 15. 12. 2015		
	Author	Title
Chair: Tohyama		
9:00 - 9:30	Cilento	Time-resolved XUV photoemission: a new clue for understanding the ultrafast dynamics in copper oxides
9:30 - 10:00	Mihailovic	How rapidly do ordered states form in cuprates?
10:00 - 10:20	<i>Coffee break</i>	
Chair: Prosen		
10:20 - 10:50	Eckstein	How fast does the quasiparticle band emerge in a strongly correlated metal?
10:50 - 11:20	Baldini	Evidence for Pre-Formed Cooper Pairs in the Pseudogap Phase of Slightly Underdoped $\text{NdBa}_2\text{Cu}_3\text{O}_{6+x}$
11:20 - 11:50	Ramšak	Exact non-adiabatic qubit manipulation on Rashba rings
11:50 - 16:50	<i>Lunch break</i>	
Chair: Prelovsek		
16:50 - 17:20	Miyajima	Superfluorescence of CuCl Quantum Dots Assembly
17:20 - 17:50	Borzda	Charge photogeneration in few-layer MoS ₂
17:50 - 18:20	Vega-Mayoral	Exciton and charge carrier dynamics in few-layer WS ₂ and dynamics thickness dependence in MoS ₂ few-layer selection
18:20 - 20:00	<i>Dinner break</i>	
Chair: Pogrebna		
20:00 - 20:30	Gadermeier	Photoinduced Charge Transfer between MoS ₂ and organic semiconductors
20:30 - 21:00	Gerasimenko	Emergence of soliton phase in Q1D organic conductors as evidenced by nonlinear transport
21:00 - 21:30	Vella	Field Induced dissociation of Excitons in MoS ₂ monolayer

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Wednesday, 16. 12. 2015		
	Author	Title
	Chair: Ligges	
9:00 - 9:30	Nasretdinova	Light-induced transition from hard to soft gap in CDW conductor NbS ₃ (phase II) at 77 K
9:30 - 10:00	Borovšak	Femtosecond relaxation dynamics in CDW molybdenum oxides η -Mo ₄ O ₁₁ and Mo ₈ O ₂₃
10:00 - 10:20	<i>Coffee break</i>	
	Chair: Mierzejewski	
10:20 - 10:50	Golež	Relaxation dynamics of the excitonic insulator
10:50 - 11:20	Chudzinski	Exact solutions for finite time quench protocols in Tomonaga-Luttinger liquids: from sudden quench to pumping
11:20 - 11:50	Medenjak	Quasilocal conserved quantities in isotropic Heisenberg spin chain
11:50 - 12:05	Closing	