

PROGRAM

Monday March 26

08:45	WELCOME ADDRESS	Session III - chair Henri Alloul
09:00	Session I - chair Antonije Dulčić Aleksa Bjeliš <i>Field induced density waves: orbital quantization, Pauli splitting, magnetic breakdown...</i>	15:00 Thierry Giamarchi <i>Transport in Luttinger liquids</i>
09:40	Serguei Brazovskii <i>Lessons from theory of organic conductors since Zagreb 1980</i>	15:40 Neven Barišić <i>The scattering rates in cuprates</i>
10:20	Davor Pavuna <i>Direct ARPES and superconductivity on in-situ grown ultra-thin high-T_C films</i>	16:00 Vittorio Cataudella <i>Relevance of charge-lattice interaction in underdoped cuprates</i>
10:45-11:10	Coffee Break	16:20-16:45 Coffee Break
11:10	Session II - chair John R. Cooper Henri Alloul <i>Evidence for distinct ranges and gaps from high field superconducting fluctuations in $YBa_2Cu_3O_{6+x}$</i>	16:45 Antonije Dulčić <i>Extent of superconducting fluctuations above T_c in $YBa_2Cu_3O_{7-x}$ single crystals</i>
11:50	Sergey N. Artemenko <i>Non-stationary regime of conduction in one-dimensional system of interacting electrons pinned by a defect</i>	17:10 Osor S. Barišić <i>Diagrammatic content of the dynamical mean-field theory: Holstein polaron problem in finite dimensions</i>
12:30	Eduard Tutiš <i>Metal-semiconductor transitions for electrons in kagome planes</i>	17:30 Ivan Kupčić <i>Optical and transport properties of multiband Peierls-CDW systems - the bad metal $BaVS_3$</i>
		17:50 Ivan Balog <i>Inhomogeneities at all scales at a phase transition altered by disorder</i>

Tuesday March 27

09:00	Session V - chair László Forró John R. Cooper <i>Some recent experimental studies of cuprate and pnictide superconductors</i>
09:40	Ivan Božović <i>Solving the puzzle of high-T_c superconductivity in cuprates one atomic layer at a time</i>
10:20	Amit Keren <i>A magnetic analog of the isotope effect in cuprates</i>
10:45-11:10	Coffee Break
11:10	Session VI - chair A. Sasha Alexandrov Nikolay M. Plakida <i>Spin excitations and mechanism of superconductivity in cuprates</i>
11:50	Robert Comès <i>Strong 1-D effects in single layered Hg cuprates</i>
12:30	Zoran Radović <i>Dominant second harmonic in the Josephson current-phase relation: manifestation of the long-range spin-triplet proximity effect</i>
14:30	Session VII - chair Nikolay M. Plakida Antonio Bianconi <i>The role of elasticity in high temperature superconductivity and its implication on T_c amplification: scale invariant ordering of oxygen interstitials in cuprates</i>
15:10	Titusz Fehér <i>2D magnetism in κ-(BEDT-TTF)$_2$Cu[N(CN)$_2$]Cl, a spin-1/2 antiferromagnet with Dzyaloshinskii-Moriya interaction</i>
15:35-16:45	Poster session + Coffee break
16:45-19:00	Tour of Zagreb

Wednesday March 28

09:00	Session VIII - chair Jean-Paul Pouget Sasha Alexandrov <i>Theory of high temperature superconductivity in doped polar insulators</i>
09:40	László Forró <i>Quo vadis organic conductors</i>
10:20	Natasha Kirova <i>Modeling of nonlinear and non-stationary multi-vortex behavior of CDWs in restricted geometries of mesa junctions</i>
10:45-11:10	Coffee Break
11:10	Session IX - chair Robert Comès Jean-Paul Pouget <i>$BaVS_3$: a model system for the interplay between charge, spin, orbital and structural degrees of freedom</i>
11:50	Martin Dressel <i>Charge order and superconductivity in low-dimensional organic conductors</i>
12:30	Tomaž Mertelj <i>Doping dependence of femtosecond quasi-particle relaxation dynamics in $Ba(Fe,Co)_2As_2$ single crystals: possible evidence for normal state nematic fluctuations</i>
15:00	Session X - chair Thierry Giamarchi Alfred Zawadovski <i>Theory of the Raman scattering by localized excitations in metallic glasses: boson peak</i>
15:40	Claude Bourbonnais <i>Anomalous quantum criticality in unconventional superconductors: what can be learned from organics</i>
16:20-16:45	Closing remarks (Serguei Brazovskii)
16:45-17:10	Coffee