

BPU11 CONGRESS

Monday 29 August 2022

S06 Condensed Matter Physics and Statistical Physics: S06 - Hall 2 (14:30 - 16:00)

-Conveners: Djordje Spasojevic

time	[id] title	presenter
14:30	[288] Metal-coated microsphere arrays: versatile nanofabrication platforms for plasmon-enhanced optical spectroscopy	FARCĂU, Cosmin
15:00	[84] Effects of structural disorder on phonon spectra of $2\text{H-TaSe}_{2-x}\text{S}_x$ ($0 \leq x \leq 2$) single crystals	OPAČIĆ, Marko
15:15	[161] Indium Antimonide Nanostructures: Synthesis and Properties	STANESCU, Iuliana Mihaela
15:30	[182] Synthesis and characterization of nanosized ZnFe ₂ O ₄ powders obtained by sonochemistry	Ms GEORGIEVA, Borislava Prof. KREZHOV, Kiril

S06 Condensed Matter Physics and Statistical Physics - Hall 2 (16:30 - 18:00)

-Conveners: Željka Cvejić

time	[id] title	presenter
16:30	[68] Domains of scaling in the three-dimensional random field Ising model	Prof. SPASOJEVIC, Djordje
17:00	[174] Exact solutions for Ising models with triplet interactions and external field	Prof. URUMOV, Viktor
17:15	[42] Influence of the Size of Cation on the Structure and Tribological Properties of Ionic Liquids Studied with Molecular Dynamics	DAŠIĆ, Miljan
17:30	[63] Synthesis and characterization of some C-Ti based multilayer and composite nanostructures	CIUPINA, Victor

Tuesday 30 August 2022

S06 Condensed Matter Physics and Statistical Physics - Main Hall (14:00 - 16:00)

-Conveners: Nenad Vukmirovic

time	[id] title	presenter
14:00	[183] Transport in Strongly Correlated Systems: the Hubbard Model Perspective	VUČIČEVIĆ, Jakša
14:30	[98] The magnetothermopower of organic superconductor $\kappa\text{-(ET)}_2\text{Cu(NCS)}_2$: possible charge density wave scenario	KRSTOVSKA, Danica
14:45	[145] Anomalous Josephson effect in $d_{x^2-y^2}/F//F/d_{xy}$ junctions	DJURDJEVIĆ, Stevan
15:00	[75] Finite-Temperature Dynamical Properties of the Holstein Model: Hierarchical Equations of Motion Approach	Dr JANKOVIC, Veljko
15:15	[137] Spectral functions of the Holstein polaron: exact and approximate solutions	Mr MITRIĆ, Petar
15:30	[26] Exciton-phonon effects in the spectra of microcavity polaritons	LALOV, Ivan

S06 Condensed Matter Physics and Statistical Physics - Main Hall (16:30 - 18:00)

-Conveners: Jaksa Vucicevic

time	[id] title	presenter
16:30	[217] Graphene's striped moire acting as a switchman for metal adatoms	STAVRIĆ, Srdjan
16:45	[251] DFT study of AIF ₃ intercalated in HOPG: a rechargeable battery application	RODRIGUEZ SOTELO, Sindy Julieth
17:00	[60] Linear dispersions in two-dimensional materials: a crystal with symmetry $pbma1'$ as an example	Dr DAMLJANOVIĆ, Vladimir
17:15	[188] Ab-initio calculations of the temperature-dependent band gap of inorganic halide perovskites	JOCIĆ, Milan