

The XXI International Scientific Conference of Young Scientists and Specialists (AYSS-2017)

Monday, 2 October 2017

Oral session: Condensed Matter Physics: Section 1, Part 1 - Room 407, 4th floor (13:30 - 15:15)

time	[id] title	presenter
13:30	[434] Crystal structure and physicochemical properties of Diisopropylammonium Iodide	Ms MENCEL, Klaudia
13:45	[425] Preparation of antimicrobial gold-cobalt ferrite nanocomposites	Dr JOVANOVIĆ, Sonja
14:00	[427] Fe/Me bimetallic nanostructures: synthesis and magnetic properties	Dr KELGENBAEVA, Zhazgul
14:15	[433] Crystal structure and physicochemical properties of a new ferroelectric material	Ms WOJCIECHOWSKA, Martyna
14:30	[422] Molecular dynamics simulation of TiO ₂ nanoparticles using DFTB+ code	Mr GANDAMIPFA, Mulatedzi
14:45	[423] Neutron diffraction study of nanocrystalline nonstoichiometric niobium carbide powders	Mr KUZNETSOV, Vitalii
15:00	[570] Electrode preparation for operando diffraction investigations in FLNP JINR	Dr IVANSHINA, Olga

Oral session: Condensed Matter Physics: Section 1, Part 2 - Room 407, 4th floor (15:45 - 17:30)

time	[id] title	presenter
15:45	[428] Surface and structural properties of potassium-doped glassy carbon irradiated with swift heavy ions	Dr JOVANOVIĆ, Zoran
16:00	[429] Nonequilibrium and spintronics effects in superconducting structures	Mr ABDEL GHANI, majed abdel salam nashaat
16:15	[430] Special aspects of structure of complex nanostructured oxides of iron and manganese under high pressure	Ms BELOZEROVA, Nadezhda
16:30	[426] Synthesis of gold coated iron oxide nanoparticles.	Ms TULEBAYEVA, Dinara
16:45	[589] TAGGED NEUTRONS AS A TOOL FOR STUDYING INELASTIC SCATTERING OF NEUTRONS ON NUCLEI	Mr FEDOROV, Nikita
17:00	[432] The effect of ACID on the structural properties of nanoparticles based on Fe ₃ O ₄ iron oxide	Ms YERMEKOVA, Assel
17:15	[571] Synthesis, properties and potential applications of Fe / Ni-based nanostructures	УРАЗАЕВА, Мадина

Tuesday, 3 October 2017

Oral session: Condensed Matter Physics: Section 2 - Room 407, 4th floor (13:30 - 15:15)

time	[id] title	presenter
13:30	[462] Structural changes of fullerene clusters in polar / non-polar solvents	Mrs NAGORNA, Tetiana
13:45	[463] Impact of poly (ethylene glycol) on the structure and interaction parameters of anionic surfactants micellar systems	ARTYKULNYI, Oleksandr
14:00	[464] Kinetics of fullerene aggregation in polar liquids and their mixtures with water	TROPIN, Timur
14:15	[465] Study of MUIX Sensor Performance Using TCAD Simulation	Ms MENESES GONZALEZ, Annie
14:30	[466] DFT-based modeling of the structure of Co,Al-doped LiNiO ₂ cathode during delithiation	Dr EREMIN, Roman
14:45	[467] Description of the NCA cathode material configurational space and elucidation of the dopants role in a structural stabilization	Mr ZOLOTAREV, Pavel
15:00	[561] Optimization of Shielding-Collimator parameters for ING-27 neutron generator, ROMASHA setup, TANGRA project using MCNP5	Ms HEGAZY, Aya Hamdy