

The XXVII International Scientific Conference of Young Scientists and Specialists (AYSS-2023)

Wednesday, 1 November 2023

Condensed Matter Physics - Conference Hall (2nd floor), BLTP (14:20 - 15:50)

time	[id] title	presenter
14:20	[1232] WIDE-APERTURE BACKSCATTERING DETECTOR (BSD-A) FOR THE HIGH-RESOLUTION FOURIER DIFFRACTOMETER	HAI, cao
14:35	[1258] Thermal transport in aluminum oxide irradiated with swift heavy ions	AKZHUNUSSOV, Aidos
14:50	[1269] STRUCTURES AND PHASE TRANSITIONS IN TERNARY Fe-BASED ALLOYS	YERZHANOV, Bekarys
15:05	[1288] Effect of doping with transition elements on the crystal and magnetic structure of half-Heusler compounds $MnNi_{0.9}M_{0.1}Sb$ ($M = Ti, V, Cr, Fe, Co, Zn$)	RUTKAUSKAS, Anton
15:20	[1427] Structure, neutron scattering cross sections, and applications of fluorine-intercalated graphite	Dr NEZVANOV, Alexander
15:35	[1238] The impact of swift heavy ion irradiation on bismuth vanadate photoanode for photoelectrochemical water oxidation	JELIĆ, Marko

Condensed Matter Physics - Conference Hall (2nd floor), BLTP (16:10 - 17:55)

time	[id] title	presenter
16:10	[1300] Phase transformations in a promising Na-rich cathode material for sodium-ion batteries	PONOMAREVA, Olga
16:25	[1340] Investigation of the crystal structure and optical properties of Bi-activated strontium aluminates	LIS, Olga
16:40	[1343] Study of the structural, morphological, and electrochemical properties of $LiNi_{0.8}Mn_{0.1}Co_{0.1}O_2$ (NMC811) doped with copper for applications in energy storage material	Mr PHOKOJOE, Rethabile
16:55	[1328] Computational and Experimental Studies on Mn-rich $LiMn_{1.5}Ni_{0.5}O_2$ Cathode Material	KGOEDI, Moloko Emmanuel
17:10	[1393] Polyacrylamide polymer brushes synthesized with "grafting through" approach: scaling factor and characterization	Mr AVDEEV, Mikhail M.
17:25	[1369] HOM effect for monochromatic and non-monochromatic photons	TSYKAREVA, Yuliana

Thursday, 2 November 2023

Condensed Matter Physics - Conference Hall (2nd floor), BLTP (14:20 - 15:35)

time	[id] title	presenter
14:20	[1401] Electrical properties of nanostructured systems FeSe-CuInSe ₂ and MnSe-CuInSe ₂ under conditions of varying moisture and lighting	Ms DIDENKO, Ekaterina
14:50	[1296] Microscopic Insights into Superconducting Transition from Type I to Type II	NEVEROV, Vyacheslav
15:05	[1411] Evolution of the helimagnetic structure upon arsenic substitution for phosphorus in the Fe(P,As) system: NMR spectroscopy study	ZHURENKO, Sergei
15:20	[1352] Topology of the band structure and magnetic properties of RSb and RNiSb materials with R = Gd, Tb, Dy	Mr BAIDAK, Semyon T.

Condensed Matter Physics - Conference Hall (2nd floor), BLTP (15:55 - 16:10)

time	[id] title	presenter
15:55	[1430] Results of the characterizations of samples of Cuban materials using nuclear and related techniques available at the Frank Laboratory of Neutron Physics, JINR	MÉNDEZ HERNÁNDEZ, Ronaldo Rigoberto