

The XXII International Scientific Conference of Young Scientists and Specialists (AYSS-2018)

Monday, 23 April 2018

Oral session: Condensed Matter Physics: Section 1, Part 1 - Room 347, 3rd floor (14:30 - 16:15)

time	[id] title	presenter
14:30	[530] Synthesis, characterization and promising properties of Fe ₃ O ₄ /CdSe nanocomposites	Ms HABIB, Shaimaa
14:45	[532] High-energy ion irradiation of carbon nanostructures and degree of damage characterisation	Mrs MILEWICZ-ZALEWSKA, Michalina
15:00	[533] The abnormal behavior of the resistive transition to the normal state of superconducting high-textured Nb-Ti tapes just below H _{c2}	Mr GURYEV, Valentin
15:15	[536] Overview of the CMS BCML system and the potential of diamond detectors surface modification application	Mr OKHOTNIKOV, Vitalii
15:30	[534] Structure and interaction parameters of anionic surfactant micellar systems in aqueous polymer solution of poly (ethylene glycole)	ARTYKULNYI, Oleksandr
15:45	[539] DFT-based study of the disordered solid electrolytes	Dr EREMIN, Roman
16:00	[541] A topology-based investigation of the Ti-doping effects on the K ⁺ conductivity in doped K(Fe,Ti)O ₂ solid electrolyte	Mr ZOLOTAREV, Pavel

Oral session: Condensed Matter Physics: Section 1, Part 2 - Room 347, 3rd floor (16:45 - 18:15)

time	[id] title	presenter
16:45	[540] Magnetic phenomena in cobalt intermetallides at high pressures	Mr RUTKAUSKAS, Anton
17:00	[542] MODELS OF CONTINUUM DAMAGE MECHANICS APPLICABLE IN CRYOGENIC CONDITIONS	Mr DZIEWIECKI, Maciej
17:15	[538] Dynamics of DC-SQUID with nontrivial barriers under external radiation	Mr BELGIBAYEV, Toktar
17:30	[664] Investigation of phase transformations of iron nanoparticles during thermal annealing	Ms TULEBAYEVA, Dinara
17:45	[535] The studies of crystal and magnetic structures of complex granulated ferrites by neutron diffraction method	АРҒЫМБЕК, Байболат
18:00	[537] The investigation of the graphene atom thermal vibrations using forward rainbow scattering	Mr JOJIĆ, Milivoje