

JINR Association of Young Scientists and Specialists Conference "Alushta-2022"

Monday, 6 June 2022

Sectional talks (12:00 - 14:00)

time	[id] title	presenter
12:00	[219] Dilution cryostats for experiments with the Frozen Spin polarized Target at particle accelerators.	Mr GORODNOV, Ivan
12:10	[220] A new software framework for the Baikal-GVD neutrino telescope	MALYSHKIN, Yury
12:20	[221] Detection of charm particles in NA65/DsTau experiment at CERN-SPS	MILOI, Madalina Mihaela
12:30	[222] JINR's own medical cyclotron for proton therapy - MSC230. Novel design and other updates.	POPOV, Dmitry
12:40	[223] Multimodal microSPECT/CT tomograph for preclinical studies	ROZHKOV, Vladislav
12:50	[225] Neutrino signals of the next galactic supernova	SHESHUKOV, Andrey
13:00	[224] The Control System of the Linac-200 Electron Accelerator at JINR	TRIFONOV, Aleksei
13:10	[218] First detection of solar neutrinos from the CNO cycle of thermonuclear reactions	VISHNEVA, Alina
13:20	[257] The repair inhibitors effect on DNA damage in mice after exposure to 60Co γ -rays	Ms KOZHINA, Regina
13:30	[258] Induction and repair of DNA double strand breaks in melanoma B16 cells in the presence of repair inhibitors under the action of X-rays in vitro	КУЗЬМИНА, Евгения
13:40	[259] Effect of repair inhibitors on the formation DNA double-strand breaks under the action of ionizing radiation with different physical characteristics.	SHAMINA, Daria
13:50	[260] Effect of the combined use of proton radiation and AraC on morphological changes and apoptosis in the liver of rats	СЕВЕРЮХИН, Юрий

Tuesday, 7 June 2022

Sectional talks (11:45 - 13:45)

time	[id] title	presenter
11:45	[248] Investigation for spectral biomarkers: chemical, UV and light induced NETosis.	Mr ARYNBEK, Yersultan
11:55	[243] TalysLib – an easy way to get nuclear data	FEDOROV, Nikita
12:05	[251] Experimental setup for elemental analysis using prompt gamma rays at research reactor IBR-2	ХРАМКО, Константин
12:15	[244] Features of lipids deposition on a silicon substrate depending on their composition	MASLOVA, Varvara
12:25	[245] Calculation of "static" and "dynamic" deformations (bending) of fuel rods of the NEPTUN reactor.	PODLESNYY, Maxim
12:35	[246] NEUTRON TOMOGRAPHY AND DIFFRACTION IN THE STUDY OF METAL OBJECTS OF CULTURAL HERITAGE	SMIRNOVA, Veronica
12:45	[247] The simulation of very cold neutron transport in nanodiamond reflectors using Geant4	TEYMUROV, Eyvaz
12:55	[249] Preliminary results of measurements with a prototype setup for studying (investigation) the angular correlation of gamma quanta in reactions with neutrons.	YERGASHOV, Almat
13:05	[216] Li ion batteries, anode materials	YERDAULETOV, Meir
13:15	[250] The study of the objects of cultural heritage of the ancient Turkic cult-memorial complex using neutron tomography.	ZHOMARTOVA, Ayazhan

Wednesday, 8 June 2022

Sectional talks (11:50 - 14:00)

time	[id] title	presenter
11:50	[238] Presentation of JSC TENZOR	GOLUBEV, Nicolay
12:00	[239] Presentation of JSC TENZOR	GUMANOVSKIY, Ivan
12:10	[240] Applications of particle accelerators.	SHIRKOV, Stepan
12:20	[252] Influence of cluster structure to the mechanism of nuclear reactions	ISSATAYEV, Talgat
12:30	[253] Theoretical study of the reactions leading to production of new superheavy nuclei	KURKOVA, Nataliia
12:40	[254] Studies of the reference and satellite nuclear reactions in search for light neutron-rich nuclear systems.	MUZALEVSKII, Ivan
12:50	[255] Experimental methods for total reaction cross section measurements in the interaction with exotic nuclei	STUKALOV, Sergey
13:00	[256] Measurement of detailed transverse beam distribution by non-destructive diagnostic method based on residual gas ionization	TIMOSHENKO, Konstantin
13:10	[242] JINR PROCUREMENT PROCEDURES	ВОЙТИШИНА, Аурика
13:20	[241] Flagship project for the development of socio-economic support for the Institute's employees using additional financial instruments	SHIRYAEVA, Lubov

Friday, 10 June 2022

Sectional talks (12:45 - 14:45)

time	[id] title	presenter
12:45	[226] The nuclear modification factor in Au-Au at a collision energy of 27 GeV at the STAR.	AITBAYEV, Alisher
12:55	[235] Nuclear modification factor in the heavy ion collisions in beam energy scan program at STAR experiment.	MANUKHOV, Stepan
13:05	[237] Z-boson polarization study with the CMS experiment at the LHC	SHALAEV, Vladislav
13:15	[233] Searches for new physics in the dilepton channel with the CMS detector at the LHC	ZHIZHIN, Iliia
13:25	[227] Analysis of the rare $K^{\{+ \} \rightarrow e^{\{+ \} \nu \mu^{\{+ \} \mu^{\{- \}$ decay at NA62	BAIGARASHEV, Dosbol
13:35	[234] Cryogenic liquid hydrogen targets for experiment SRC.	КЛИМАНСКИЙ, Дмитрий
13:45	[228] Elliptic flow fluctuations at NICA energy regime	LUONG, Vinh
13:55	[229] Software method of determination of the event collision time with the ToF detector of the MPD at the NICA.	BARYSHNIKOV, Victor
14:05	[231] Simulation and reconstruction of electron drift velocity for MPD TPC.	BYCHKOV, Alexander
14:15	[230] Theory and simulations of highly charged ion beam emittance, extracted from EBIS\ESIS ion source: influence of the magnetic field, the dip of the electron beam\string potential and the ion beam space charge.	BUTENKO, Elizaveta
14:25	[232] The State of the Magnetic Measurements of the NICA Collider Twin-Aperture Quadrupoles	DONGUZOV, Ilya
14:35	[236] Simulation of the dynamic aperture of the NICA booster synchrotron based on magnetic measurement data	Mr SHANDOV, Mikhail

Saturday, 11 June 2022

Sectional talks (11:45 - 12:35)

time	[id] title	presenter
11:45	[261] System for planning and logging excursions at JINR	ILINA, Anna
11:55	[262] MOLECULAR DYNAMICS(MD) SIMULATION OF LIPODISK	Mr SAKTAGANOV, Nurzada
12:05	[263] Development of a Cloud Service for Scientific Computing on the MICC	SOKOLOV, Ivan
12:15	[264] JINR Institutional Repository	ZAIKINA, Tatiana
12:25	[217] Interplay of dineutrino modes with semileptonic rare B-decays	MUKHAEVA, Alfia