

JINR Association of Young Scientists and Specialists Conference "Alushta-2021"

Wednesday, 9 June 2021

Sectional talks (12:00 - 14:00)

time	[id] title	presenter
12:00	[168] Proton Flash Therapy Method	GRITSKOVA, Evgenia
12:10	[169] Production of high-purity ammonium salts used in low-background measurements and nuclear medicine	MIRZAYEV, NIJAT
12:20	[170] Magnetic channels' design for SC230 cyclotron	POPOV, Dmitry
12:30	[171] 3D visualization of radiotracers for SPECT imaging using a Timepix detector with a coded aperture	ROZHKOVA, Vladislav
12:40	[172] LINAC-200 Control System Status	TRIFONOV, Aleksei
12:50	[173] The time-dependent approach to analysis of experimental data on the nuclear reaction cross sections	Dr AZHIBEKOV, Aidos
13:00	[174] The mobile measuring stand for radiation environment estimation at the accelerator complex of FLNR	KOMAROV, Pavel
13:10	[175] The Principle of Uniform Ion Doping of Material Samples for Subsequent Structure Researches by TEM	KOMAROVA, Diana
13:20	[176] Transportation of ion beams $^{48}\text{Ca}^{9+}$ and $^{50}\text{Ti}^{8+}$ derived from DC-280 cyclotron through channel №5	Mr LISOV, Vladislav
13:30	[177] Structural effects in nanoceramics induced by swift heavy ion irradiation	MUTALI, Alisher
13:40	[178] TEM study of thermal gas swelling in helium doped ferritic alloys	NGUYEN, Tiep
13:50	[179] Results of obtaining ^{48}Ti , ^{52}Cr , and ^{48}Ca ion beams at the DC-280 cyclotron	PUGACHEV, Dmitry

Thursday, 10 June 2021

Sectional talks (12:40 - 14:00)

time	[id] title	presenter
12:40	[180] Tape libraries as a part of MICC mass storage system.	GOLUNOV, Alexei
12:50	[181] Usage experience of INTEL DAOS	MATVEYEV, Mikhail
13:00	[182] New service in HybriLIT ecosystem	TOROSYAN, Shushanik
13:10	[183] Describing quantumness of qubits and qutrits by Wigner function's negativity	TOROSYAN, Astghik
13:20	[184] Resolution and efficiencies of reconstructed objects in the Drift Chambers of the BM@N Experiment	Mr VOYTISHIN, Nikolay
13:30	[185] Effect of the combined use of proton radiation and 1- β -D-arabinofuranosyl cytosine on morphological changes and apoptosis in the liver of rats	IGNAT, Elena Madalina
13:40	[186] The effect of DNA synthesis inhibitor on DNA damage induction in melanoma cells after exposure to protons	Ms KOZHINA, Regina
13:50	[187] A study of chromosomal instability and HPRT mutagenesis in Chinese hamster cells after ^{60}Co γ -irradiation.	PETROVA, Daria

Friday, 11 June 2021

Sectional talks (12:40 - 14:10)

time	[id] title	presenter
12:40	[188] Study of crystal and magnetic structure of bulk and nanostructured spinel ferrites under high pressure	Ms BELOZEROVA, Nadezhda
12:50	[189] Pressure-induced structural phase transitions in the bismuth tungstate Bi ₂ WO ₆	LIS, Olga
13:00	[190] Analysis of the LUE-200 buncher	МИХАЙЛОВ, Кирилл
13:10	[191] Structural analysis of submicron and nanomaterials based on the SANS method	NEZVANOV, Alexander
13:20	[192] The acceleration effect in quantum physics	ZAKHAROV, Maxim
13:30	[193] Investigation of the chain of Mo nuclei based on a two-dimensional model with the Bohr Hamiltonian	MARDYBAN, Mariia
13:40	[194] Description of the spectra of the lowest states for a chain of zirconium isotopes based on the geometric collective model	MARDYBAN, Evgenii
13:50	[195] Flavour anomalies in a U(1) SUSY extension of the SM	MUKHAEVA, Alfiia
14:00	[211] Manifestation of cluster structure of weakly bound light nuclei in direct nuclear reactions	URAZBEKOV, Bakytzhan

Sunday, 13 June 2021

Sectional talks (11:50 - 13:10)

time	[id] title	presenter
11:50	[198] Run6 GEM residuals study in BM@N experiment	KHUKHAEVA, Anastasia
12:00	[197] GEM residuals study in Monte-Carlo simulation for the Run6 at the BM@N experiment	ALISHINA, Ksenia
12:10	[196] Status of the L0 hyperon analysis in the carbon beam at BM@N experiment	STEPANENKO, Yury
12:20	[199] Simulation of magnetic shielding for PMTs next to SP-41 magnet	ATOVULLAEV, Timur
12:30	[200] Improvement of track reconstruction upstream the magnet for SRC/BM@N experiment	LENIVENKO, Vasilisa
12:40	[201] Study of the interaction trigger for Au + Au collisions in BM@N experiment	Mr LASHMANOV, Nikita
12:50	[202] Area for preparation of ultra-high-vacuum chambers of the Nica project.	MIKHAILOV, Evgeny
13:00	[203] The results of the vacuum system operation of the 1st session of the NICA booster	POGODIN, Alexandr

Monday, 14 June 2021

Sectional talks (11:50 - 13:10)

time	[id] title	presenter
11:50	[204] Some three-atomic systems	Mr KOROBITSIN, Artem
12:00	[205] Transverse impedance model of the NICA Collider for experiments at SPD	KOROBITSINA, Margarita
12:10	[206] Investigation of the generation of light charged particles in heavy ion collisions at the energy of the NICA complex	PERVYSHINA, Elena
12:20	[207] Remote reconfiguration, debugging, and testing system of electronics cards for the TPC/MPD detector of the NICA project	POTAPOV, Denis
12:30	[208] Development of the scintillation detector prototypes with SiPM readout	TISHEVSKIY, Aleksey
12:40	[209] Simulation of top-anti-top pair plus jets process with MadGraph+Pythia using FxFx merging procedure and comparison with the LHC data	TURTUVSHIN, Tulгаа
12:50	[210] Information cybersecurity and audit of process control systems for power supply of basic NICA installations	ФИЛИППОВ, Михаил
13:00	[212] TBD	ВОЙТИШИНА, Аурика