

LXXIV International conference Nucleus-2024: Fundamental problems and applications

Monday, 1 July 2024

Plenary - Conference Hall (10:00 - 11:30)

time	[id] title	presenter
10:00	[366] Status and development plan of accelerator complex FLNR	Dr VASILY, Semin
10:30	[367] Synthesis and study of the decay properties of isotopes of superheavy elements Ds and Lv	Dr KOVRIZHNYKH, Nikita
11:00	[364] Studies of light exotic nuclei at FLNR JINR	Prof. GRIGORENKO, Leonid

Plenary - Conference Hall (12:00 - 14:00)

time	[id] title	presenter
12:00	[62] Quantum shells in nuclei and beyond	NESTERENKO, Valentin
12:30	[204] Heavy ion linac for nuclear physics.	KULEVOY, TIMUR
13:00	[90] Ab initio расчеты структуры легких ядер и ядерно-физический эксперимент	TCHUVIL'SKY, Yury
13:30	[370] Российские высокоскоростные (125-1000 МВыб/с) многоканальные диджитайзеры	ПАШКОВ, А.В.

Thursday, 4 July 2024

Plenary - Conference Hall (09:30 - 11:00)

time	[id] title	presenter
09:30	[301] The Tagged Neutron Method and its Application for Nuclear Physics Studies and Applied Research	KOPATCH, Yuri
10:00	[56] Manifestation of chaos in nuclear structure phenomena	Dr NAZMITDINOV, Rashid
10:30	[224] БАЗА ДАННЫХ И СИСТЕМАТИКА МАГНИТНЫХ МОМЕНТОВ ЯДЕР	Prof. МИТРОПОЛЬСКИЙ, Иван

Plenary - Conference Hall (11:30 - 13:00)

time	[id] title	presenter
11:30	[317] Electromagnetic neutrinos: The basic interaction processes and constraints from laboratory experiments and astrophysics.	STUDENIKIN, Alexander
12:00	[218] The JUNO Experiment: Current Status and Prospects	Dr ANFIMOV, Nikolay
12:30	[75] Pre-supernova (anti)neutrino emission via weak processes with hot nuclei	DZHIOEV, Alan

Friday, 5 July 2024

Plenary - Conference Hall (09:30 - 11:00)

time	[id] title	presenter
09:30	[117] MODERN DETECTOR TECHNOLOGIES FOR NUCLEAR PHYSICS EXPERIMENTS AND DIAGNOSTIC STUDIES IN NUCLEAR MEDICINE	Dr ZHEREBCHEVSKY, Vladimir
10:00	[368] Modern nuclear physics research in radiation medicine	Prof. CHERNYAEV, Alexander
10:30	[363] The MONUMENT (Muon Ordinary capture for the NUclear Matrix elemENTS in $\beta\beta$ decays) project's overview and advantages	Dr SHIRCHENKO, Mark

Plenary - Conference Hall (11:30 - 12:50)

time	[id] title	presenter
11:30	[205] High-Granular Time-of-Flight Neutron Detector HGND for the BM@N experiment	MOROZOV, Sergey
12:00	[124] Heavy-ion physics results by the CMS experiment	Dr PETRUSHANKO, Sergey
12:30	[369] ПАК для поиска и идентификации гамма-излучающих нуклидов на основе машинного обучения - результаты 2022-2024 годов.	БРЕДИХИН, И.С.