

India-JINR Workshop on Particle, Nuclear, Neutrino Physics and Astrophysics

Monday, 10 November 2025

Plenary - Auditorium (09:20 - 10:40)

-Conveners: Amol Dighe

time	[id] title	presenter
09:20	[5] An overview of Indian facilities and research in particle, nuclear, neutrino physics and astrophysics	Dr SANTRA, Satyaranjan
10:00	[6] Joint Institute for Nuclear Research: the status and prospects of multidisciplinary complex of large research infrastructures	Dr NEDELKO, Sergey

Plenary - Auditorium (11:00 - 13:00)

-Conveners: Ajit Mohan Srivastava

time	[id] title	presenter
11:00	[1] Recent results from the RHIC Beam Energy Scan Program	Prof. MOHANTY, Bedangadas
11:30	[2] Studies of nuclei beyond the drip-lines in the Flerov Laboratory	Prof. SIDORCHUK, Sergey
12:00	[7] LBL Neutrino Physics Activities in India: Collaboration with JINR on Associated Detector Development	Prof. BHUYAN, Bipul
12:30	[8] Status and prospects of the MLIT scientific program	Prof. PELEVANYUK, Igor

Tuesday, 11 November 2025

Plenary - LH4 (09:00 - 11:00)

-Conveners: V Ravindran

time	[id] title	presenter
09:00	[20] Strong interaction theory in India: a snapshot	Prof. DATTA, Saumen
09:30	[21] Baikal-GVD Deep-Underwater Neutrino Telescope: Status and Recent Results	Dr SHAIBONOV, Bair
10:00	[22] Overview of particle physics programmes in India	Prof. MAJUMDAR, Gobinda
10:30	[23] Heavy and superheavy elements research at the Flerov Laboratory of Nuclear Reactions	Prof. KARPOV, Alexander

Plenary - LH4 (11:20 - 13:20)

-Conveners: Suresh Kumar

time	[id] title	presenter
11:20	[24] Exploring nuclear inputs for Astrophysics: The role of neutron rich exotic nuclei	Prof. CHATTERJEE, Rajdeep
11:50	[25] Status and physics program of the MPD @ NICA	Dr RIABOV, Viktor
12:20	[26] Fission of Heavy and Super Heavy Elements	Prof. GHOSH, Tilak Kumar
12:50	[27] Spin Physics Detector project at NICA	Mr GUSKOV, Alexey

Wednesday, 12 November 2025

Plenary - Auditorium (09:00 - 11:00)

-Conveners: Hiranmaya Mishra

time	[id] title	presenter
09:00	[46] Few-Body to Many-Body; The many faces of the atomic nucleus	Prof. MAZUMDAR, Indranil
09:30	[47] Lattice study of QCD properties under Extreme Conditions	Prof. BRAGUTA, Viktor
10:00	[48] Accelerator-based nuclear physics research at IUAC	Prof. NATH, Subir
10:30	[67] CMS Recent Results and Prospects	Prof. SWAIN, Sanjay Kumar

Plenary - Auditorium (11:20 - 13:20)

-Conveners: Sergey Nedelko

time	[id] title	presenter
11:20	[49] Status of the BM@N experiment at NICA	Dr MERTS, Sergei
11:50	[50] Overview of BARC Facilities and Research Activities in Nuclear Physics	Dr PAL, Asim
12:20	[51] NICA-MPD collider complex	Dr MUKHIN, Konstantin
12:50	[52] Our research activities in India and at JINR	Prof. TYAGI, Ajay Kumar

Plenary: Concluding session (17:35 - 18:05)