



# India-JINR workshop on elementary particle and nuclear physics, and condensed matter research

## Monday 16 October 2023

### Section 3: Low energy nuclear physics (14:30 - 16:10)

-Conveners: Galina Knyazheva

time	[id] title	presenter
14:30	[74] Coulomb excitation activities at IUAC, Past, Present and Future	KUMAR, Rakesh
15:00	[77] Toward large-scale calculation of nuclear fission process	SADHUKHAN, Jhilmam
15:20	[46] Probing Fission Dynamics using Fission Fragment Spectroscopy	CHAKRABORTY, A.
15:40	[105] Investigation of Multi-nucleon Transfer using a Recoil Separator	NATH, Subir

# Tuesday 17 October 2023

## Section 3: Low energy nuclear physics (14:30 - 16:10)

-Conveners: Alexander Karpov

time	[id] title	presenter
14:30	[22] Probing Dynamics of Fusion-Fission Process in heavy to very heavy nuclei	MAZUMDAR, Indranil
14:50	[75] Binary fragmentation dynamics of few heavy systems	BEHERA, Bivash R.
15:10	[92] Proposal to develop an accelerator facility for NE region by CUPAC NE Collaboration	DAS, Jiban J.
15:30	[52] The experimental study of MNT process in the reaction $^{136}\text{Xe}+^{238}\text{U}$ at energy above the Coulomb barrier	KNYAZHEVA, Galina
15:50	[54] Magic numbers in heavy nuclei	SHANDILYA, Kamad Nath SHRISTI, Shristi SINGH, Sumita RANI, Supriya

# Wednesday 18 October 2023

## Section 3: Low energy nuclear physics (14:30 - 16:10)

-Conveners: Moumita Maiti

time	[id] title	presenter
14:30	[49] A new mechanism of incomplete fusion of nuclei.	NASIROV, Avazbek
14:50	[44] Research activities at BHU and with JINR, Dubna	KUMAR, Ajay
15:10	[106] Neutron TOF Spectrometers for fusion-fission reaction studies	GOLDA, K. S.
15:30	[78] Isospin transport in heavy-ion reactions around the Fermi energy domain	MALLIK, Swagata