

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

Thursday, 19 October 2023

An extra day session (09:00 - 10:40)

-Conveners: Trambak Bhattacharyya

time	[id] title	presenter
09:00	[23] Studies of Nuclear Reaction Cross-sections for Reactor and Astrophysical Applications	SINGH, Nand Lal
09:20	[41] The Study of Multi-Nucleon Transfer Reactions for Synthesis of New Heavy and Superheavy Nuclei	DEVARAJA, H. M.
09:40	[50] Probing role of deformed target on the mass-energy distributions of ^{224}Th at above Coulomb barrier	DEY, Aniruddha
10:00	[95] Asymmetric and symmetric fission of ^{256}No nuclei formed in the $^{24}\text{Mg}+^{232}\text{Th}$ reaction	S, Sanila KOZULIN, Eduard Mrs KNYAZHEVA, Galina MAITI, Moumita Dr DEY, ANIRUDDHA BOGACHEV, Alexey ITKIS, I. M. GIKAL, Kirill KULKOV, Kirill NOVIKOV, Kirill PCHELINTSEV, I. V. SAVELJEVA, Ekaterina VOROBIEV, I. V.
10:20	[51] Disentangling the role of transfer channels on fusion dynamics	RANI, Anjali MANDAL, S. NATH, S. MADHAVAN, N. GEHLOT, J. GONIKA CHAKRABORTY, K. GUPTA, R. AHMAD, C.V. BISWAS, Rohan NOOR, Shoaib PARIHARI, A. VISHWAKARMA, D. KHANDELWAL, P. KUMAR, Chandra RAWAT, P.S. SHERPA, P. KUMAR, S.

An extra day session (11:10 - 11:50)

-Conveners: Trambak Bhattacharyya

time	[id] title	presenter
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11:10	[24] Experimental studies of nuclear clusters via the dissociation of relativistic nuclei	NATARAJAN, Marimuthu
11:30	[58] Influence of entrance channel shell closure on dissipative nature of nuclear fission	CHAKRABORTY, K.