

Saturday, December 7, 2024

9:30 - 10:30 Hrs	Inauguration (Convocation Hall)
10:30 - 11:00 Hrs	High Tea
11:00 - 11:30 Hrs	Prof. A. K. Jain (Amity University, Noida) <i>Keynote Address</i>
11:30 - 13:00 Hrs	Session 1.1 (Convocation Hall) <i>(Session Chair: S. Santra)</i>
11:30 - 12:00 Hrs	I1: Lucio Gialanella (University of Campania, Italy) <i>Nuclear astrophysics with European Recoil Separator ERNA</i>
12:00 - 12:30 Hrs	I2: Vineet Kumar (BARC, Mumbai) <i>Status of asymmetric fission in the pre-actinide region</i>
12:30 - 13:00 Hrs	I3: Eda Sahin (University of Oslo, Norway) <i>Shell evolution and shape coexistence in exotic nuclei</i>
13:00 - 14:00 Hrs	Lunch
14:00 - 16:00 Hrs	Session 1.2 (Poster Session-1, APJ Block) <i>Thesis Contributions: T1-T24</i> <i>Contributions: A22-A63, B32-B86, C9-C21</i> <i>D6-D20, E13-E28, F2-F3, G16-G43</i>
16:00 - 16:30 Hrs	Tea
16:30 - 18:10 Hrs	Session 1.3: Parallel Session-1
16:30 - 18:10 Hrs	Parallel Session: 1-A (APJ Block Hall-1) <i>(Session Chair: Parnika Das)</i> <i>Contributions : A1-A7, C1-C3</i>
16:30 - 18:10 Hrs	Parallel Session: 1-B (APJ Block Hall-2) <i>(Session Chair: K. Mahata)</i> <i>Contributions : B1-B10</i>
16:30 - 18:10 Hrs	Parallel Session: 1-C (APJ Block Hall-3) <i>(Session Chair: P. R. Pujahari)</i> <i>Contributions : D1-D2, E1-E4, G1-G4</i>
18:30 - 19:30 Hrs	Evening Lecture (Convocation Hall)

Sunday, December 8, 2024

9:30 - 11:00 Hrs	Session 2.1 (Convocation Hall) <i>(Session Chair: Lucio Gialanella)</i>
9:30 - 10:00 Hrs	I4: Raghunath Sahoo (IIT, Indore) <i>Characterizing the QCD Matter at the Large Hadron Collider: Present and Future</i>
10:00 - 10:30 Hrs	I5: Marco La Cognata (INFN, Italy) <i>Sub-Coulomb nuclear studies using the ANC technique</i>
10:30 - 11:00 Hrs	I6: Bhushan Joshi (BARC, Mumbai) <i>Recent Advancements in Knockout Reactions</i>
11:00 - 11:30 Hrs	Tea
11:30 - 13:00 Hrs	Session 2.2 (Convocation Hall) <i>(Session Chair: Aradhana Shrivastava)</i>
11:30 - 12:00 Hrs	I7: Sujit Tandel (SNIoE, Delhi-NCR) <i>Probing Nuclear Structure through Isomers</i>
12:00 - 12:30 Hrs	I8: Ingo Wiedenhoever (FSU, USA) <i>Open nuclear systems in structure and astrophysics</i>
12:30 - 13:00 Hrs	I9: Ushasi Datta (SINP, Kolkata) <i>Journey towards the drip-line of atomic nuclei</i>
13:00 - 14:00 Hrs	Lunch
14:00 - 16:00 Hrs	Session 2.3 (Poster Session-2, APJ Block) <i>Thesis Contributions: T1-T24</i> <i>Contributions: A64-A105, B87-B141, C22-C34</i> <i>D21-D36, E29-E43, F4-F5, G44-G71</i>
16:00 - 16:30 Hrs	Tea
16:30 - 18:10 Hrs	Session 2.4: Parallel Session-2
16:30 - 18:10 Hrs	Parallel Session: 2-A (APJ Block Hall-1) <i>(Session Chair: Eda Sahin)</i> <i>Contributions : A8-A14, C4-C6</i>
16:30 - 18:10 Hrs	Parallel Session: 2-B (APJ Block Hall-2) <i>(Session Chair: V. Jha)</i> <i>Contributions : B11-B20</i>
16:30 - 18:10 Hrs	Parallel Session: 2-C (APJ Block Hall-3) <i>(Session Chair: D. Dutta)</i> <i>Contributions : D3-D5, E5-E8, G5-G7</i>
18:30 - 19:30 Hrs	Cultural Evening (Convocation Hall)

Monday, December 9, 2024

9:30 - 11:00 Hrs	Session 3.1 (Convocation Hall) <i>(Session Chair: Ingo Wiedenhoever)</i>
9:30 - 10:00 Hrs	I10: Alejandro Garcia (UW, USA) <i>Novel techniques for searching for new physics in nuclear beta decays</i>
10:00 - 10:30 Hrs	I11: Aurora Tumino (KUE, Italy) <i>Sub-Coulomb nuclear studies using the Trojan Horse Method</i>
10:30 - 11:00 Hrs	I12: K. S. Golda (IUAC, Delhi) <i>Past, present, and future of nuclear astrophysics research at IUAC</i>
11:00 - 11:30 Hrs	Tea
11:30 - 13:00 Hrs	Session 3.2 (Convocation Hall) <i>(Session Chair: R. P. Singh)</i>
11:30 - 12:00 Hrs	I13: Abhijit Bhattacharya (UoC, Kolkata) <i>QCD phase transition at high temperature and density</i>
12:00 - 12:30 Hrs	I14: Gayatri Mohanto (BARC, Mumbai) <i>Investigating collective enhancement of nuclear level density using evaporation spectra</i>
12:30 - 13:00 Hrs	I15: Soumik Bhattacharya (VECC, Kolkata) <i>Structure of nuclei around $Z, N=28$ using stable and radioactive ion beams</i>
13:00 - 14:00 Hrs	Lunch
14:00 - 16:00 Hrs	Session 3.3 (Poster Session-3, APJ Block) <i>Thesis Contributions: T1-T24</i> <i>Contributions: A106-A148, B142-B195, C35-C47</i> <i>D37-D51, E44-E58, F6, G72-G100</i>
16:00 - 16:30 Hrs	Tea
16:30 - 18:20 Hrs	Session 3.4: Parallel Session-3
16:30 - 18:20 Hrs	Parallel Session: 3-A (APJ Block Hall-1) <i>(Session Chair: Samit Kumar Mandal)</i> <i>Contributions : A15-A21, C7-C8, G14-G15</i>
16:30 - 18:20 Hrs	Parallel Session: 3-B (APJ Block Hall-2) <i>(Session Chair: M. K. Sharma)</i> <i>Contributions : B21-B31</i>
16:30 - 18:20 Hrs	Parallel Session: 3-C (APJ Block Hall-3) <i>(Session Chair: Venkatesh Singh)</i> <i>Contributions : G8-G13, E9-E12, F1</i>

Tuesday, December 10, 2024

9:30 - 11:00 Hrs	Session 4.1 (Convocation Hall) <i>(Session Chair: Alejandro Garcia)</i>
9:30 - 10:00 Hrs	I16: Francesco Recchia (INFN, Italy) <i>Nuclear Structure with Gamma ray tracking array: Isospin Symmetric Island of Inversion and perspectives for the Legnaro National Laboratories</i>
10:00 - 10:30 Hrs	I17: Manoj Kumar Sharma (University of Lucknow) <i>Exploring the dynamics of pre-compound emission reactions at low energy</i>
10:30 - 11:00 Hrs	I18: Swagata Mallik (VECC, Kolkata) <i>Current status and future scopes of heavy-ion reactions around the Fermi energy domain</i>
11:00 - 11:30 Hrs	Tea
11:30 - 13:00 Hrs	Session 4.2 (Convocation Hall) <i>Thesis Presentation</i>
13:00 - 14:00 Hrs	Lunch
14:00 - 17:00 Hrs	Visit to Physics Labs in IIT Roorkee

Wednesday, December 11, 2024

9:00 - 10:00 Hrs	Session 5.1 (Convocation Hall) <i>(Session Chair: Abhijit Bhattacharyya)</i>
9:00 - 9:30 Hrs	I19: Partha Pratim Bhaduri (VECC, Kolkata) <i>Dense Baryonic Matter in Relativistic Nuclear Collisions</i>
9:30 - 10:00 Hrs	I20: P. Arumugam (IIT, Roorkee) <i>Quantum computing for nuclear physics</i>
10:00 - 11:00 Hrs	Session 5.2 (Convocation Hall) An Overview of Accelerator Facilities <i>(Session Chair: A. K. Gupta)</i>
10:00 - 10:30 Hrs	I21: Rajeev Mehta (IUAC, Delhi) <i>Recent Developments in Accelerator Facilities for Nuclear Physics</i>
10:30 - 11:00 Hrs	YAA Presentation
11:00 - 11:30 Hrs	Tea
11:30 - 13:30 Hrs	Concluding Session (Convocation Hall)
11:30 - 12:00 Hrs	<i>Award Distribution</i>
12:00 - 13:00 Hrs	Summary Talks
13:00 - 13:30 Hrs	Concluding Remarks: A. K. Gupta (BARC, Mumbai)
13:30 - 14:30 Hrs	Lunch