

## **PROGRAMME**

**26<sup>th</sup> December 2011, Monday**

10:00 hrs – 11:00 hrs      **Inaugural Session**

11:00 hrs – 11:30 hrs      **Tea**

11:30 hrs – 13:30 hrs      **Session I**

- 11. *Antimagnetic Rotation in Cd isotopes, S. Chattopadhyay, S. Roy*
- 12. MAGNEX: an innovative magnetic spectrometer for nuclear physics studies, *F. Cappuzzello, D. Carbone, M. Cavallaro, A. Cunsolo, A. Foti*
- 13. Recent results from Pb+Pb collisions at LHC, *P. Shukla*
- 14. Synthesis of superheavy elements, *A. G. Popeko*

13:30 hrs – 14:30 hrs      **Lunch**

14:30 hrs – 16:30 hrs      **Session II**  
**Poster presentations (A24-A73, B23-B72)**

16:30 hrs – 17:00 hrs      **Tea**

17:00 hrs – 18:30 hrs      **Session III**

- 15. Quasi-fission near the Coulomb barrier energy, *T. K. Ghosh*
- 16. New insight to the fission dynamics using alpha-particle emission as a probe, *Y. K. Gupta*
- 17. Investigation into stabilizing effect of the Z=82 shell closure against fission, *S. Nath*

**Evening: Cultural Programme**

**27<sup>th</sup> December 2010, Tuesday**

09:30 hrs – 11:00 hrs      **Session IV**

- 18. Investigations of the Isoscalar Giant Monopole Resonance in the Sn and Cd isotopes and the “Softness” of the Sn and Cd Nuclei, *U. Garg*
- 19. Study of reaction and decay using densities from relativistic mean field theory, *Gautam Gangopadhyay*
- 110. *Quantum Jump in Nuclear Physics with RIBF -recent results and future plans-, Hiroyoshi Sakurai*

11:00 hrs – 11:30 hrs      **Tea**

11:30 hrs – 13:30 hrs      **Session V**  
**Oral Presentations (Parallel)**  
**Oral I: (A1-A12)                      Oral II: D1-D6, E1-E6**

13:30 hrs – 14:30 hrs      **Lunch**

14:30 hrs – 16:30 hrs      **Session VI**  
**Poster presentations (A74-A131, B73-100, T1-T10)**

16:30 hrs – 17:00 hrs      **Tea**

17:00 hrs – 18:30 hrs

**Session VII**

- I11.** Nuclear response to two-neutron transfer via the ( $^{18}\text{O}$ ,  $^{16}\text{O}$ ) reaction ,  
*M. Cavallaro, F. Cappuzzello, D. Carbone, A. Cunsolo, A. Foti, M. Bondi, G. Santagati, G. Taranto, R. Linares, F. Azaiez, S. Franchoo, M. Niikura, J. A. Scarpaci*
- I12.** Systematic of fusion, total reaction cross sections and break-up threshold anomaly with weakly bound nuclei at near barrier energies, *S. Mukherjee*
- I13.** Understanding the reaction mechanisms involving weakly bound  $^6\text{Li}$  with  $^{209}\text{Bi}$ , *S. Santra*

**28<sup>th</sup> December 2011, Wednesday**

09:30 hrs – 11:00 hrs

**Session VIII**

- I14.** Isomer and prompt spectroscopy of transplutonium nuclei, *S. K. Tandel*
- I15.** Band structures in nuclei with Z,N close to the magic number 82, *G. Mukherjee*
- I16.** Chirality in nuclei: where do we stand today?, *S. Mukhopadhyay*

11:00 hrs – 11:30 hrs

**Tea**

11:30 hrs – 13:30 hrs

**Session IX**

**Oral Presentations (Parallel)**

**Oral I:** (B1-B12)

**Oral II:** (E7-E13, F1-F5)

13:30 hrs – 14:30 hrs

**Lunch**

14:30 hrs – 16:00 hrs

**Session X**

- I17.** Recent results from the Relativistic Heavy Ion Collider, *Bedangadas Mohanty*
- I18.** In search of quark gluon plasma in nuclear collisions, *Jan-e Alam*
- I19.** Theoretical study of Quark-Gluon-Plasma with jet quenching, *Subrata Pal*

16:00 hrs – 16:30 hrs

**Tea**

16:30 hrs – 18:30 hrs

**Session VII**

**Poster presentations (F16-F66, G13-G65)**

**29<sup>th</sup> December 2011, Thursday**

09:30 hrs – 11:00 hrs

**Session XII**

- I20.** Journey to Superheavy Valley, *M. Bhuyan, S. K. Patra*
- I21.** In-Complete Fusion Studies, *B. P. Singh*
- I22.** D-mesons and charmonium states in hot isospin asymmetric strange hadronic matter, *Amruta Mishra*

11:00 hrs – 11:30 hrs

**Tea**

11:30 hrs – 13:30 hrs

**Session XIII**

**Oral Presentations (Parallel)**

**Oral I:** (A13-A23, C1)

**Oral II:** (F6-15, G1-G2)

13:30 hrs – 14:30 hrs

**Lunch**

**BREAK FOR LAB VISITS ETC.**

**Conference Dinner**

**30<sup>th</sup> December 2011, Friday**

09:30 hrs – 11:30 hrs

**Session XVI**  
**Thesis Presentation**

**123. Study of cluster states in nuclei using nuclear reactions, *Chinmay Basu***

**124. *The LENS experiment – peering into the heart of the sun, V.M. Datar***

11:30 hrs – 12:00 hrs

**Tea**

12:00 hrs – 13:30 hrs

**Session XVII**

**Oral I: (B13-B22)**

**Oral II: (G3-12)**

13:30 hrs – 14:30 hrs

**Lunch**

14:30 hrs – 16:30 hrs

**Session VI**

**Poster presentations (B101-B109, C2-C8, D7-D26, E14-S76)**

16:30 hrs – 17:30 hrs

**Summary**

**R. K. Bhowmik and Santanu Pal**