

Monday, December 7, 2015

Venue: Nassin Mishaan Auditorium, SSSIHL, Prasanthi Nilayam

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| 9:00 Hrs.- 10:00 Hrs. | Inauguration Key Note Speaker: S. Kailas |
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High Tea

Session I

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| 10:30 Hrs. - 11:00 Hrs. | Amlan Roy (VECC) <i>Fission time anomaly for highly excited transuranium nuclei</i> |
| 11:00 Hrs. - 11:30 Hrs. | Karl Johnston (CERN) <i>The ISOLDE Facility, Recent Highlights and the HIE-ISOLDE Project</i> |

Session II

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| 11:30 Hrs. - 12:00 Hrs. | D. C. Biswas (BARC) <i>Understanding of fission dynamics from fragment mass distribution studies</i> |
| 12:00 Hrs. - 12:30 Hrs. | M. Balasubramaniam (Bharatiyar Univ, Coimbatore) <i>LCP-accompanied fission to symmetric tripartition of heavy and superheavy nuclei</i> |
| 12:30 Hrs. - 13:00 Hrs. | B. P. Singh (Aligarh Muslim University) <i>Incomplete Fusion Studies at 15UD Pelletron Energies</i> |

Lunch

Session III

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| 14:00 Hrs. - 16:30 Hrs. | Parallel Session IIIA <i>Contributions : A1-A12</i> |
| 14:00 Hrs. - 16:30 Hrs. | Parallel Session IIIB <i>Contributions : B1-B12</i> |
| 14:00 Hrs. - 16:30 Hrs. | Parallel Session IIIC <i>Contributions : G2-G13</i> |

Tea

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| 18:00 Hrs. - 19:00 Hrs. | Poster Session I <i>Thesis: T1-T20</i> |
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Tuesday, December 8, 2015

Venue: Nassin Mishaan Auditorium, SSSIHL, Prasanthi Nilayam

Session IV

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| 8:30 Hrs. - 9:00 Hrs. | Adam Bernstein (LLNL) <i>Neutrino Science and Applications</i> |
| 9:00 Hrs. - 9:30 Hrs. | Debashis Majumdar (SINP) <i>Dark Matter direct detection</i> |
| 9:30 Hrs. - 10:00 Hrs. | Rana Nandi (Germany) <i>Study of nuclear matter at sub-saturation densities by QMD simulations: Role of Symmetry energy</i> |

Tea

Session V

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| 10:30 Hrs. - 13:00 Hrs. | Parallel Session VA <i>Contributions : A13-A25, A30</i> |
| 10:30 Hrs. - 13:00 Hrs. | Parallel Session VB <i>Contributions : B13-B25, B30</i> |
| 10:30 Hrs. - 13:00 Hrs. | Parallel Session VB <i>Contributions : E1-E11, D1-D2, F3</i> |

Lunch

Session VI

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| 14:00 Hrs. - 14:30 Hrs. | Maninder Kaur (PU) <i>Investigation of dynamics of fusion reactions through cross-section and spin distribution measurements</i> |
| 14:30 Hrs. - 15:00 Hrs. | Sukhjeet Singh (MM Univ.) <i>Evaluation of nuclear radius parameter (r_0) for even-even nuclei</i> |
| 15:00 Hrs. - 15:30 Hrs. | Radhey Shyam (SINP) <i>How much charm can PANDA produce</i> |

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| 15:30 Hrs. - 16:30 Hrs. | Poster Session II <i>Contributions : A32-A61, A93, A94, B32-B61, G20-G39, T1-T20</i> |
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Tea

18:30 Hrs. Evening Lecture by Prof. V. S. Ramamurthy

Special Dinner

Wednesday, December 9, 2015

Venue: Nassin Mishaan Auditorium, SSSIHL, Prasanthi Nilayam

Session VII

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| 8:30Hrs. - 9:00 Hrs. | Sourav Sarkar (VECC) <i>Evaluating Transport Coefficients of Hot Hadronic Matter</i> |
| 9:00 Hrs. - 9:30 Hrs. | Vineet Kumar (BARC) <i>Hidden beauty and charm of relativistic heavy ion Collisions</i> |
| 9:30 Hrs. - 10:00 Hrs | Anirban Lahiri (TIFR) <i>Quark Number Susceptibility : Revisited in mean field theories</i> |

Tea

Session VIII

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| 10:30 Hrs. - 11:00 Hrs. | Srinivas Krishnagopal (BARC) <i>LEHIPA: A High Current Low Energy Accelerator for Nuclear Physics</i> |
| 11:00 Hrs. - 11:30 Hrs. | P. N. Prakash (IUAC) <i>Recent Developments in RF Accelerators at IUAC</i> |
| 11:30 Hrs. - 12:00 Hrs | Tripti Mohite (GSI) <i>Introduction to Particle Accelerator Complex at GSI/ FAIR and Some Interesting Aspects of SIS Upgrade Program</i> |

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| 12:00 Hrs.-13:00 Hrs. | Poster Session III <i>Contributions : A62-A92, B62-B91,B135,G40-G59, T1-T20</i> |
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Lunch

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| 14:00 Hrs. - 15:00 Hrs. | Poster Session IV <i>Contributions : A95-A121, G60-G74, C2-C5, E12-E49,T1-T20</i> |
| 15:00 Hrs. - 16:30 Hrs. | Thesis Presentation |

Tea

18:30 Hrs. Cultural Program + Banquet

Thursday, December 10, 2015

Venue: Nassin Mishaan Auditorium, SSSIHL, Prasanthi Nilayam

Session IX

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| 8:30 Hrs. - 9:00 Hrs. | Asimananda Goswami (SINP) <i>Influence of proton and neutron alignment on shears mechanism: A case in mass ~ 140 region</i> |
| 9:00 Hrs. - 9:30 Hrs | Rajesh Kharab (Kurukshetra University) <i>Nuclear Fusion Reactions Involving Weakly Bound Nuclei at Near Barrier Energies</i> |
| 9:30 Hrs. - 10:00 Hrs. | B. J. Roy (BARC) <i>Reaction Mechanism of Multi-nucleon Transfer: Recent Studies with Spherical and Deformed Nuclei</i> |
| 10:00 Hrs. - 10:30 Hrs. | Kaushik Banerjee (VECC) <i>Nuclear level density and its dependence on angular momentum and ground state deformation</i> |

Tea

Session X

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| 11:00 Hrs. -12:00 Hrs. | Parallel Session XA <i>Contributions : A26-A29, A31</i> |
| 11:00 Hrs. -12:00 Hrs. | Parallel Session XB <i>Contributions : F1,F2,F4--F6</i> |

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| 12:00 Hrs. - 13:00 Hrs. | Poster Session V <i>Contributions : A122-A135, B92-B121, G75-G93, D6-D13,D25-D27</i> |
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Lunch

Half Day Excursion

Friday, December 11, 2015

Venue: Nassin Mishaan Auditorium, SSSIHL, Prasanthi Nilayam

Session XI

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| 8:30 Hrs. - 9:00 Hrs. | Ushasi Datta (SINP) <i>Ultra fast timing MMRPC: a versatile detector for basic and applied science</i> |
| 9:00 Hrs. - 9:30 Hrs. | R. P. Singh (IUAC) <i>Nuclear structure studies with Indian National Gamma Array and future developments at IUAC</i> |
| 9:30 Hrs. - 10:00 Hrs. | Supratik Mukhopadhyay (SINP) <i>Numerical Simulation of Gaseous Ionization Detectors</i> |

Tea

Session XII

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| 10:30 Hrs. - 11:00 Hrs. | B. N. Joshi (BARC) <i>Light and Heavy Cluster Knockout Reactions</i> |
| 11:00 Hrs. – 11:30 Hrs. | Abhijit Bisoi (IEST, Shibpur) <i>Investigation of interplay of single particle and collective modes of excitation in sd shell nuclei</i> |

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| 11:30 Hrs. -13:00 Hrs. | Parallel Session XIII A <i>Contributions : B26-B29,B31, D3-D5</i> |
| 11:30 Hrs. -13:00 Hrs. | Parallel Session XIII B <i>Contributions : G1, G14-G19, C1</i> |

Lunch

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| 14:00 Hrs. - 15:00 Hrs. | Poster Session VI <i>Contributions : E50-E65, F7- F32, D14-D24, D28-D29,B122-B134,B136-B152</i> |
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Tea

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| 15:30 Hrs.- 16:30 Hrs. | Concluding Session Award distribution Summary talks: D. K. Srivastava Concluding remarks: A. Saxena |
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