

Monday, December 5, 2016

Venue: Meghnad Saha Auditorium, SINP, Kolkata

9:00 Hrs.- 10:30 Hrs.	Inauguration Key Note Speaker: D. K. Srivastava (VECC)
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High Tea

Session I

11:00 Hrs. - 11:30 Hrs.	Anjali Mukherjee (SINP) <i>Large back angle quasi-elastic scattering for weakly bound systems at near-barrier energies</i>
11:30 Hrs. - 12:00 Hrs.	Y. K. Gupta (BARC) <i>Are there nuclear structure effects on the isoscalar giant monopole resonance and nuclear incompressibility near $A \sim 90$?</i>
12:00 Hrs. - 12:30 Hrs.	E. Prasad (Central Univ. Kerala) <i>Fusion and quasifission dynamics in heavy nuclei,</i>
12:30 Hrs. - 13:00 Hrs.	Indranil Mazumder (TIFR) <i>Light ion induced capture reactions and application to astrophysics</i>

Lunch

Session II

14:00 Hrs. - 16:15 Hrs.	Parallel Session IIA <i>Contributions : A1-A13</i>
14:00 Hrs. - 16:15 Hrs.	Parallel Session IIB <i>Contributions : B1-B12, B14</i>
14:00 Hrs. - 16:15 Hrs.	Parallel Session IIC <i>Contributions : F1, F3-F7, E1-E4, G14</i>

Tea

16:30 Hrs. - 18:30 Hrs.	Poster Session I <i>Thesis: T1-T20, A27-A56, B35-B64, G15-G34</i>
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19:00 Hrs.-20:00 Hrs. Prof. M. K. Pal Reminiscence Session

20:00 Hrs. Dinner Hosted by SINP Director

Tuesday, December 6, 2016

Venue: Meghnad Saha Auditorium, SINP, Kolkata

Session III

9:30 Hrs. - 10:00 Hrs.	Yordanka Ilieva (JLab, USA) <i>Studies of Baryon Structure and Baryon Interactions at Thomas Jefferson National Accelerator Facility</i>
10:00 Hrs. - 10:30 Hrs.	M. S. Athar (Aligarh Muslim Univ.) <i>Why better theoretical models are needed to understand nuclear medium effect in the DIS region?</i>
10:30 Hrs. - 11:00 Hrs.	J. J. Das (MSU, USA) <i>Helium-Jet Ion Source for commensal operation at NSCL/FRIB</i>

Tea

Session IV (M. K. Pal Session)

11:30 Hrs. - 12:00 Hrs.	Subhchintak (Texas A&M, USA) <i>Nuclear astrophysics with indirect methods</i>
12:00 Hrs. - 12:30 Hrs.	Anagha Chakraborty (Visva-Bharati Univ.) <i>Nuclear Structure Studies using Fast Neutrons</i>
12:30 Hrs. - 13:00 Hrs.	Praveen C. Srivastava (IITR) <i>Computing Atomic Nuclei Using New Approaches : Recent Shell Model Results From IIT-Roorkee</i>

Lunch

Session V

14:00 Hrs. - 14:30 Hrs.	Tilak Ghosh(VECC) <i>Trekking through fusion meadows and fission valleys</i>
14:30 Hrs. - 15:00 Hrs.	Oliver Kirsebom (Arhus Univ. , Denmark) <i>Electron capture on ^{20}Ne and the ultimate fate of stars in the mass range 8–10M_{\odot}</i>

Session VI

15:00 Hrs. - 16:30 Hrs.	Parallel Session VIA <i>Contributions : D1-D9</i>
15:00 Hrs. - 16:30 Hrs.	Parallel Session VIB <i>Contributions : B15-B18,B20-B21, B32-B34</i>
15:00 Hrs. - 16:30 Hrs.	Parallel Session VIC <i>Contributions : E6-E14</i>

Tea

17:00 Hrs. - 18:30 Hrs.	Poster Session II <i>Contributions : A57-A86, B65-B95, G35-G54, T1-T20</i>
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19:30 Hrs. Banquet at Swabhumi

Wednesday, December 7, 2016

Venue: Meghnad Saha Auditorium, SINP, Kolkata

Session VII

9:30 Hrs. - 10:00 Hrs.	R. S. Bhalerao (IISER, Pune) <i>Relativistic Heavy-Ion Collisions and Quark-Gluon Plasma --- An Overview and Recent Advances</i>
10:00 Hrs. - 10:30 Hrs.	Dipak Mishra (BARC) <i>Search for Critical End Point at Relativistic heavy-ion collider</i>
10:30 Hrs. - 11:00 Hrs.	Pradip Roy (SINP) <i>Some Aspects of Anisotropic Quark-Gluon Plasma</i>

Tea

11:30 Hrs.-13:00 Hrs.	Poster Session III <i>Contributions : A87-A116, B96-B120, E15-E34, T1-T20</i>
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Lunch

Session VIII (FRENA Session)

14:00 Hrs. - 14:20 Hrs.	Maitreyee Saha Sarkar (SINP) <i>Studies in Nuclear Structure relevant to Astrophysics: experimental effort</i>
14:20 Hrs. - 14:40 Hrs.	Asimananda Goswami (SINP) <i>FRENA: An upcoming facility for experimental Nuclear Astrophysics</i>
14:40 Hrs. - 15:00 Hrs.	Chandana Bhattacharya (VECC) <i>Clustering in light nuclei</i>
15:00 Hrs. - 15:20 Hrs.	Sucheta Adhikari (Techno India Univ. Kolkata) <i>Reactions studies in relation to upcoming FRENA facility: Indirect Method & R-matrix phenomenology</i>

Tea

15:45 Hrs. - 16:45 Hrs.	Poster Session IV <i>Contributions : C1, D10-D40, E35-E64, F8-F40</i>
16:45 Hrs. - 17:00 Hrs.	BRNS Presentation
17:00 Hrs. - 18:30 Hrs.	Thesis Presentation

Tea

19:00 Hrs. **Evening Lecture by Prof. Bala Iyer, ICTS-TIFR**

20:00 Hrs. **Dinner hosted by VECC Director**

Thursday, December 8, 2016

Venue: Meghnad Saha Auditorium, SINP, Kolkata

Session IX

9:30 Hrs. - 10:00 Hrs.	Deepika Choudhury (ELI-NP, Romania) <i>High precision study of multiple-humped fission barrier landscape with the GBS facility at ELI-NP</i>
10:00 Hrs. - 10:30 Hrs.	P. C. Rout (BARC) <i>Open problems in Nuclear Level Density</i>
10:30 Hrs. - 12:00 Hrs.	Poster Session V + Tea <i>Contributions : A117-A140, B121-B151, G55-G79</i>

Session X (INGA Session)

12:00 Hrs. – 12:20 Hrs.	Somnath Nag (NIT Raipur) <i>Interplay of shapes through non-collective excitations in neutron deficient $A \sim 120$ in perspective of ^{122}Te</i>
12:20 Hrs. – 12:40 Hrs.	Sayani Biswas (TIFR) <i>Structure of ^{132}Te: The two-particle and two-hole spectrum of ^{132}Sn</i>
12:40 Hrs. – 13:00 Hrs.	Ritika Garg (IUAC) <i>Negative-parity high-spin band structure in ^{135}Pr</i>

Lunch

Half Day Excursion (Cruise on River Ganga)

Friday, December 9, 2016

Venue: Meghnad Saha Auditorium, SINP, Kolkata

Session XI

9:30 Hrs. - 10:00 Hrs.	Federico Antinori (CERN) <i>Characterising the QCD plasma with the ALICE experiment</i>
10:00 Hrs. - 10:30 Hrs.	Partha Pratim Bhaduri (VECC) <i>J/ψ suppression in relativistic heavy-ion collisions</i>

Tea

Session XII

10:45 Hrs. -13:00 Hrs.	Parallel Session XIIA <i>Contributions : B19,B22-B31</i>
10:45 Hrs. -13:00 Hrs.	Parallel Session XIIB <i>Contributions : A14-A26</i>
10:45 Hrs. -13:00 Hrs.	Parallel Session XIIC <i>Contributions : G1-G13</i>

Lunch

Session XIII

14:00 Hrs. - 14:30 Hrs.	Gargi Choudhuri (VECC) <i>Statistical ensembles and fragmentation of finite nuclei</i>
14:30 Hrs. - 15:00 Hrs.	Surjit Mukherjee (M.S. Univ. Baroda) <i>Quasi-elastic break-up and fusion reactions</i>

Tea

15:30 Hrs.- 16:30 Hrs.	Concluding Session Award distribution Summary talks: S. R. Banerjee (VECC) Concluding remarks: A. Saxena (BARC)
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