

Day 1: Wednesday, December 20, 2017

Venue: Main Auditorium, TU, Patiala

9.00-10.30	Inauguration Keynote Speaker: R. K. Gupta (Punjab University)
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High Tea		
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Session: I		
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11.00-12.00	11.00-11.30	Synthesis of Superheavy Nuclei : Andrey Popeko
	11.30-12.00	Dynamics of Fusion-Fission in Heavy and Superheavy Nuclei : A. Saxena

Session: II		
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12.00-13.00	12.00-12.30	Studies of the Discrete Symmetries in Nature : P. Moskal
	12.30-13.00	High Current Injector project at IUAC : B. P. Ajith Kumar

Lunch		
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Parallel Session: I		
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14.00-16.10	14.00-16.10	Parallel Session: IA (Main Auditorium) <i>Contributions : A1-A13</i>
	14.00-16.10	Parallel Session: IB (C-Hall) <i>Contributions : B1-B13</i>
	14.00-16.10	Parallel Session: IC (CILP Hall) <i>Contributions : E1-E13</i>

Tea/Coffee Break		
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Poster Session : I		
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16.30-18.30	<i>Thesis Contributions : T1 -T25,</i> <i>Contributions : A25-A55,B32-62,C7-C30</i>
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Day 2: Thursday, December 21, 2017

Venue: Main Auditorium, TU, Patiala

Session: III		
09.30-11.00	09.30-10.00	Entrance channel effect in characteristics of the heavy ion reaction products : A. Nasirov
	10.00-10.30	Characterisation of long lived isomers in heavy actinides : R. Gowrishankar
	10.30-11.00	Investigation of nuclear shapes through Coulomb-excitation reorientation-effect measurements : M. Kumar Raju

Tea/Coffee Break		
Session: IV		
11.30-13.00	11.30-12.00	Probing the particle-antiparticle nature of neutrino : V. Nanal
	12.00-12.30	Coherent Elastic Neutrino-Nucleus Scattering : Vivek Sharma
	12.30-13.00	Fluidity of finite nuclear matter - An experimental endeavour : D. Mondal

Lunch		
Session: V		
14.00-15.00	14.00-14.30	Hadronic interactions and exotic particles in heavy ion collisions : Neha Shah
	14.30-15.00	Internal Structure and Dynamics of Hadrons : Harleen dahiya
	15.00-15.15	BRNS Presentation

Parallel Session: II		
15.20-16.40	15.20-16.40	Parallel Session : IIA (Main Auditorium) <i>Contributions : A14-A21</i>
	15.20-16.40	Parallel Session : IIB (C-Hall) <i>Contributions : B14-B21</i>
	15.20-16.40	Parallel Session: IIC (CILP Hall) <i>Contributions : E14-E18, G1-G3</i>

Tea/Coffee Break		
Poster Session : II		
17.00-18.30		Poster Session II, <i>T1-25</i> <i>Contributions: A56-86,B62-92,D6-33,G19-39</i>

Day 3: Friday, December 22, 2017

Venue: Main Auditorium, TU, Patiala

Session: VI		
09.30-11.00	09.30-10.00	Reactions of Nuclear Astrophysics interest using RIBs : A. Lennarz
	10.00-10.30	Nuclear Resonance Fluorescence of Cr isotopes: Onset of the Pygmy Dipole Resonance : Haridas Pai
	10.30-11.00	Evolution of octupole collectivity in trans-lead region: Ajay Y Deo

Tea		
Poster Session: III		
11.30-13.00	11.30-13.00	Poster Session III <i>Contributions: A87-117,B93-123,E19-50,G41-60</i>

Lunch		
Session: VII		
14.00-15.00	14.00-14.30	Breakup reactions: effect on the above-barrier complete fusion : S. Kalkal
	14.30-15.00	Fusion hindrance for asymmetric systems at deep sub-barrier energies : A. Shrivastava

Parallel Session III		
15.15-16.15	15.15-16.15	Parallel Session: IIIA (Main Auditorium) <i>Contributions : A22-A24,B22-23,B30</i>
	15.15-16.15	Parallel Session: IIIB (C-Hall) <i>Contributions : G4-G9</i>
	15.15-16.15	Parallel Session: IIIC (CILP hall) <i>Contributions : C1-C6</i>

Tea		
Thesis Presentation		
16.45-18.15	16.45-18.15	Thesis presentation (Main Auditorium)

Evening Lecture : Pauli Principle in the Interior of Pulsars : R. Rajaraman (18.45-19.45)		
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Day 4: Saturday, December 23, 2017

Venue: Main Auditorium, TU, Patiala

Session: VIII		
09.30-11.00	09.30-10.00	Tidal deformability of neutrons & Hyperon star : S. K. Patra
	10.00-10.30	Neutron Stars: with and without Dark Matter : D. N. Basu
	10.30-11.00	Neutron emission in heavy ion reaction : M. Nandy

Tea + Poster Session: IV		
11.30-13.00	11.30-13.00	Poster Session IV <i>Contributions: A118-153,B123-155,E51-84,F4-10,G61-81</i>

Lunch		
Excursion		

Day 5: Sunday, December 24, 2017

Venue: Main Auditorium, TU, Patiala

Session: IX		
09.30-11.00	09.30-10.00	Initial conditions in high energy heavy-ion collisions : Prithwish Tribedi
	10.00-10.30	Comprehending Particle Production in Proton+Proton and Heavy-ion collisions at the Large Hadron Collider : Raghunath Sahoo
	10.30-11.00	Medium Modification of Jets in QGP : P. K. Netrakanti

Tea		
Parallel Session: IV		
11.30-13.00	11.30 -13.00	Parallel Session: IVA <i>Contributions : B24-B29,B31</i>
	11.30 -13.00	Parallel Session: IVB <i>Contributions : G10-G17</i>
	11.30-13.00	Parallel Session: IVC <i>Contributions : D1-D5, F1-F3</i>

Lunch		
Session: X		
14.00-15.00	14.00-14.30	Recent progresses in studies of fission of pre-actinide nuclei : K. Mahata
	14.30-15.00	SHE@TASCA: Sushanta Lahiri

Concluding Session	
15.30-16.30	Award Distribution Summary Talk : Dr. D. C. Biswas Concluding Remarks