

6th Asian Nuclear Physics Association Symposium (ANPhAS-2014)

February 19 - 21, 2014

Venue: Ajay Divatia Lecture Hall, 3rd Floor, Administrative Building, VECC Campus, Kolkata

Preliminary Program

19/02/2014	8:30	9:30	1:00	Registration	
Opening Session					
	9:30	9:40	0:10	D.K. Srivastava	Welcome Address
	9:40	9:50	0:10	Yanlin Ye	About ANPhA
	9:50	10:20	0:30	Bikash Sinha	Key Note Address
	10:20	10:50	0:30 T1	Alok Chakrabarti	Present and Upcoming Ion Beam Facilities at VECC
	10:50	11:20	0:30	High Tea	
Session-1	Chair: Amit Roy				
	11:20	11:50	0:30 T2	Shoji Nagamiya/ T. Motobayashi	Forefront Accelerators in Japan and Their Sciences
	11:50	12:20	0:30 T3	A.K. Jain	Nuclear Physics activities at Roorkee and some recent results
	12:20	12:40	0:20 T4	Chandana Bhattacharya	Experimental facilities at VECC
	12:40	13:10	0:30 T5	S.R. Banerjee	Experimental Nuclear Physics research at VECC
	13:10	13:30	0:20 T6	R.P. Singh	Experimental facilities at IUAC, New Delhi
	13:30	14:30	1:00	Lunch Break	
	14:30	18:00	3:30	ANPhA Board Meeting / Visit to the VECC Facilities	
	19:00	22:00		Symposium Dinner hosted by the Director, VECC	
20/02/2014					
Session-2	Chair: R.K. Choudhury				
	9:30	10:00	0:30 T7	Kazuhiro Tanaka	Present status of J-PARC
	10:00	10:30	0:30 T8	T. Motobayashi	Nuclear physics and nuclear astrophysics at light- and heavy-ion accelerators in Japan.
	10:30	10:50	0:20 T9	R. Palit	Experimental nuclear structure research at TIFR
	10:50	11:10	0:20 T10	Aradhana Srivastava	A Glimpse of research studies with weakly bound nuclei at Pelletron Linac Facility, Mumbai
	11:10	11:30	0:20	Tea Break	
Session-3	Chair: Asis Chaudhuri				
	11:30	12:00	0:30 T11	R.S. Bhalerao	Relativistic imperfect fluid dynamics --- Recent progress in the formalism and application to heavy-ion collisions
	12:00	12:30	0:30 T12	Sourav Sarkar	Glimpses of Nuclear Theory activities at VECC
	12:30	12:50	0:20 T13	N. Mathur	Hadron physics activities in India using Lattice QCD
	12:50	13:10	0:20 T14	Rajarshi Ray	QCD thermodynamics from model studies
	13:10	13:30	0:20 T15	Munshi G. Mustafa	Some Theoretical Studies of Quark-Gluon Plasma research at SINP
	13:30	14:30	1:00	Lunch Break	

Session-4	Chair: Radhey Shyam				
	14:30	15:00	0:30	T16 Thomas Antony	Spin of the proton
	15:00	15:30	0:30	T17 Jiunn-Wei Chen	Chiral kinetic theory
	15:30	16:00	0:30	T18 Jenny Lee	Probing Nucleon Correlations using Direct Reactions

16:00 16:20 0:20 Tea Break

Session-5	Chair: Saila Bhattacharya				
	16:20	16:50	0:30	T19 Zhao Yumin	Nuclear Structure Under Random interactions
	16:50	17:20	0:30	T20 Furong Xu	Recent theoretical investigations for nuclear collective rotation
	17:20	17:50	0:30	T21 A. Goswami	Nuclear structure research and Status of FRENA project at SINP

21/02/2014

Session-6	Chair: P.K. Raina				
	9:30	10:00	0:30	T22 V.M. Datar	The nuclear level density – effects of structure and its damping
	10:00	10:30	0:30	T23 Weiping Liu	Measurement of reaction and decay rate of nuclear astrophysics
	10:30	11:00	0:30	T24 Yanlin Ye	Strong Monopole transition in clustering nuclei

11:00 11:20 0:20 Tea Break

Session-7	Chair: Y.P. Viyogi				
	11:20	11:50	0:30	T25 N.K. Mondal	India Based Neutrino Observatory
	11:50	12:10	0:20	T26 Tapan Nayak	Exploring the QCD Phase transition at RHIC and LHC
	12:10	12:30	0:20	T27 S. Chattopadhyay	Matter under high baryon density: an experiment at FAIR
	12:30	12:50	0:20	T28 S.K. Patra	Gravitational wave from rotating neutron star
	12:50	13:10	0:20	T29 Debadesh Bandyopadhyay	Exploring many facets of core-collapse supernovae and neutron stars
	13:10	13:30	0:20	T30 G. Gangopadhyay	Theoretical calculation for rates of some nuclear reactions and their astrophysical implications

13:30 14:30 1:00 Lunch Break

Session-8	Chair: V.S. Pandit				
	14:30	15:00	0:30	T31 Wooyoung Kim	
	15:00	15:20	0:20	T32 Bivash Behera	Recent results of fusion-fission dynamics with IUAC Pelletron+LINAC facility
	15:20	15:40	0:20	T33 Sandeep S. Ghugre	Novel Lifetime Measurements using INGA
	15:40	16:00	0:20	T34 P.K. Rath	Neutrinoless double beta-decay
	16:00	16:20	0:20	T35 A. Bhagwat	Wigner - Kirkwood Method for Nuclear Masses

16:20 16:40 0:20 Tea Break

Session-9	Chair: D.K. Srivastava				
	16:40	17:40	1:00		Panel Discussion and Concluding Remarks