

TECHNICAL PROGRAM WITH SESSION VISE DETAILS AND NAME OF SESSION CHAIR/CO-CHAIR

Scientific Programme ICNPAP -2018

First day Programme (October 23, 2018)

	October 23, 2018 (Tuesday)
9:00 AM-10:00AM	Registration
10:00 AM-12:00 AM	Inaugural Function Keynote Address: S. Kailas (Ex-Director Physics Group BARC Mumbai, India) <i>Evolution of the Periodic Table of Elements and the Chart of Nuclides</i>
12:00 PM-12:30 PM	High Tea
Session-I (12:30 Noon - 1:30 P. M.)	
Chairman:	S. Kailas (Ex-Director Physics Group, BARC, Mumbai, India)
12:30 PM-1:00 PM	A. K. Jain (IIT Roorkee, India) <i>The B(E2) anomaly in Sn isotopes and the Generalized Seniority Model</i>
1:00 PM-1:30 PM	N. L. Singh (MSU, Vadodara, India) <i>Neutron Activation Cross Section Measurements from Threshold to 20 MeV for Reactor Materials</i>
1:30 PM-2:30 PM	Lunch
Session-II (2.30 P.M. - 4.20 P. M.)	
Chairman:	Amit Roy (Ex-Director, IUAC, New Delhi, India)
2:30 PM-3:05PM	Gopal Mukherjee (VECC, Kolkata, India) <i>Role of spherical and deformed shell gaps on the high spin structure of Nuclei</i>
3:05 PM-3:45 PM	P. Egelhof (GSI, Darmstadt, Germany) <i>Nuclear Structure of Exotic Nuclei by Direct Reactions: Investigations with Stored Radioactive Beams and with Active Targets</i>
3:45 PM-4:20 PM	R. Palit (TIFR, Mumbai, India) <i>Nuclear isomers: Probes of Nuclear Structure Models</i>
4:20 PM- 4:40PM	Tea Break

Session-III (4:40 P.M. - 5:30 P. M.)	
Chairman:	A.K. Jain, IIT Roorkee, India
4:40 PM-5:15 PM	Special Lecture by Dr. Amit Roy (Ex-Director, IUAC, New, Delhi) <i>Nuclear Physics with Low Energy Accelerators in India</i>
5:30 PM- 8:00 PM	Cultural Programme
8:00 PM-9:00 PM	Dinner

Second day Programme (October 24, 2018)

October 24, 2018 (Wednesday)	
Session-I (9:00 AM - 11:30 AM)	
Chairman:	D. K. Srivastava (HBNI and VECC, Kolkata, India)
9:00 AM-9:40AM	Tilak K. Ghosh (VECC, Kolkata, India) <i>Shell effects and fission dynamics of heavy and super heavy elements.</i>
09:40 AM-10:15 AM	K. S. Golda (IUAC, New Delhi) <i>Understanding Different Modes of Fission from the Shape of Fission Fragment Mass Distribution.</i>
10:15 AM- 10:50 AM	B.R. Behera (PU, Chandigarh, India)
10:50 AM -11:30 AM	R. P. Singh (IUAC, New Delhi, India) <i>Nuclear structure and some reaction studies with gamma detector arrays at IUAC</i>
11:30 AM -11:45 AM	Tea Break
Session-II (11:45 AM - 1:30 PM)	
Chairman:	M. Afzal Ansari (AMU, Aligarh, India)
11:45 AM -12:20 PM	Arun K. Jain (BARC, Mumbai, India) <i>Progress in the Study of Clustering, Pairing and Resonances in Direct Nuclear Reactions</i>
12:20 PM -1:00 PM	A.K. Nasirov(JINR, Dubna, Russia) <i>Effect of non-equilibrium initial stage of heavy ion collisions on formation of the reaction products</i>
1:00 PM -1:30 PM	N. Madhavan (IUAC, New Delhi, India)
1:30 PM-2:30 PM	Lunch
Session-III (2:30 PM - 4:15 PM)	
Chairman:	H.M Agarwal (GBPU, Pantnagar, India)
2:30 PM-3:05 PM	Sandeep S. Ghugre (UGC-DAE-CSR, Kolkata Centre, India) <i>The Nuclear Laboratory in your Computer</i>
3:05 PM-3:40 PM	Rajarshi Raut(UGC-DAE-CSR, Kolkata Centre, India) <i>Digital (R) evolution in Gamma-ray Spectroscopy: the case of INGA at VECC</i>
3:40 PM-4:15PM	S. K. Patra (IOP, Bhubaneswar, India) <i>Effective Surface Properties of Sn Isotopes</i>
4:15 PM-4:45 PM	Tea Break

Session-IV (4:45 PM - 6:45 PM)	
Chairman:	Isar Ahmad Eizvi (AMU, Aligarh, India)
4:45PM-6:45PM	Oral Presentation (A1 to A10)
Session-V (6:45 PM - 8:00 PM)	
Chairman:	A.K. Nasirov (JINR, Dubna, Russia)
6:45 PM-7:20 PM	B. P. Singh (AMU, Aligarh, India) <i>A Systematic Study of Incomplete Fusion Reactions at Low Energies</i>
7:20 PM-8:00 PM	Special Lecture by Dr. D. K. Srivastava, Ex-Director, VECC, Kolkata, India <i>Discovery of Quark Gluon Plasma?</i>
8:00 PM-9:00 PM	Dinner

Third day Programme (October 25, 2018)

October 25, 2018 (Thursday)	
Session-I (9.00 AM - 11:30AM)	
Chairman:	Dr. V. S. Pandit (VECC, Kolkata, India)
9:00 AM-9:35AM	R. Kumar (IUAC, New Delhi, India) <i>Study of collectivity and nuclear structure around Z=50 closed shell nuclei using Coulomb excitation</i>
9:35 AM-10:15AM	Gilles De France (GANIL, for the AGATA-NEDA-DIAMANT collaborations) <i>Spectroscopy of nuclei at the N~Z line at GANIL</i>
10:15 AM- 10:55 AM	Pawel Moskal (Jagiellonian University, Cracow, Poland) <i>J-PET: a novel particle detector for imaging of positronium properties in living organisms</i>
10:55 AM-11: 30 AM	S. K. Mahaparta (CUP, Bhatia, India) <i>Design of 30 keV Electron Gun for Space applications</i>
11:30 AM -11:45 AM	Tea Break
Session-II (11:45 AM - 1.35 PM)	
Chairman:	K.P. Singh, (PU, Chandigarh, India)
11:45 AM -12.25 PM	Eryk Czerwiński (Jagiellonian University, Cracow, Poland) <i>Short review of discrete symmetries studies in matter-antimatter systems</i>
12:25 PM- 1:00 PM	D. K. Srivastava (VECC, Kolkata, India) <i>Radiation of photons from Quark Gluon Plasma</i>
1:00 PM-1:30PM	B. K. Singh (BHU, Varanasi, India)
1:30 PM-2:30PM	Lunch
Session-III (2:30 PM - 3:00 PM)	
Chairman:	M. Shoaib Ahmad (AMU, Aligarh, India)
2:30 PM- 3:00 PM	Samit K. Mandal (DU, New Delhi, India)
3:00PM-5:30PM	Poster session (B1-B69) + Tea Break
Session-V (5:30 PM - 7:00 PM)	
Chairman:	B. K. Singh (BHU, Varanasi, India)
5:30 PM- 6:10 PM	B. K. Nayak (BARC, Mumbai, India)
6:10 P.M.-7:00 PM	V. S. Pandit (VECC, Kolkata, India) <i>Cyclotrons: past, present and future</i>
7:00 PM- 8:30 PM	Dinner

Fourth day Programme (October 26, 2018)

October 26, 2018 (Friday)	
Session-I (9:00 AM - 11:30AM)	
Chairman:	D. P. Ojha (SU, Odisha, India)
9:00 AM-9:40 AM	S. R. Palvanov (NUU, Tashkent, Uzbekistan) <i>Investigation of the Excitation of Isomeric States in The Reactions (Γ,N) And (N,2n) on ⁴⁵Sc, ⁸²Se and ⁸¹Br</i>
9:40 AM-10:15 AM	M. Saha Sarkar (SINP, Kolkata, India) <i>Nuclear Physics experiments with low energy - light ion beams</i>
10:15 AM-10:50 AM	Chandana Bhattacharya (VECC, Kolkata, India) <i>Experimental nuclear reaction studies at VECC</i>
10:50 AM-11:30AM	B. Mukherjee (Visva-Bharati, Santiniketan, Bolpur, India) <i>In-beam gamma-ray spectroscopy of ⁶³Cu</i>
11:30 AM-11:45 AM	Tea Break
Session-II (11:45 AM - 2:00 PM)	
Chairman:	C. Bhattacharya, VECC, Kolkata
11:45 AM-12:20 PM	A. Tyagi (BHU, Varanasi, India)
12:20 PM-1:00 PM	T. Trivedi (GGU, Bilaspur) <i>Evolution of nuclear structure from single particle to collective excitations in complex nuclei</i>
1:00 PM-2:00 PM	Summary and Conclusion, Certificate Distribution
2:00 PM-3.00 PM	Lunch