

List of contributory papers shortlisted for oral presentation in InPAC09

Note: The oral presentation of a paper is limited to 12-minute presentation of your research (with an additional 3 minutes for questions). Refer guidelines for more details.

Abstract No.	Title of Abstract	Author
10	Development of Microwave Ferrites & Garnets for Prototype Ferrite Circulators at 352 MHz & 700 MHz	L. Aditya et. al.
11	Experimental Evaluation of the Radiological Condition of HRVUV Beam Line of Indus-1 SRS at RRCAT	Dimple Verma, et. al.
21	DEVELOPMENT OF MULTI-FUNCTIONAL BEAM DIAGNOSTIC DEVICE FOR TRANSFER LINE TL-1 OF INDUS-1	R.S. Sandha et. al.
22	SUPERCONDUCTING CYCLOTRON DEFLECTOR CONDITIONING STATUS - AN EXPERIENCE WITH HIGH VOLTAGE	Subhash Ghosh et. al.
25	Upgrade of microwave system and efforts for generation of variable pulse width electron beam from 20MeV pre-injector Microtron for Indus Complex	Purushottam Shrivastava et. al.
27	Filter Magnet Design study for H- Ion source	Ajeet Kumar et. al.
30	X-RAY BEAM POSITION MONITOR ON INDUS-2	V P Dhamgaye et. al.
67	CONTROL AND MONITORING SYSTEM FOR INTERNAL BEAM DIAGNOSTICS FACILITY OF SCC	N Chaddha et. al.
71	EFFECT OF TWO MICROWAVE FREQUENCIES ON ELECTRON CONFINEMENT TIME IN ECR ION SOURCES	P.R. Sarma et. al.
77	FPGA BASED BEAM PROFILE MONITOR DIGITIZER	J. A. Gore et. al.
80	ELECTROMAGNETIC DESIGN STUDY OF RFQ	N.Mehrotra et. al.
82	RF STRUCTURE MESUREMENT & RF SYSTEM OF THE 3.4 M LONG RFQ FOR VEC-RIB PROJECT	H.K.Pandey et. al.
89	DEVELOPMENT OF IN-VACUUM MIRROR SYSTEM, COMPACT MAGNETS AND UNDULATOR BEAM LINE FOR CUTE-FEL	B. Biswas et. al.
93	Preliminary RF test on the 1.17m prototype RFQ at IUAC	Sugam Kumar et. al.
94	CROWBAR PROTECTION SYSTEM FOR 350 MHz TETRODE AMPLIFIER	Sandip Shrotriya et. al.

100	FIRST OPERATIONAL EXPERIENCE WITH THE RF SYSTEM OF K500 SUPERCONDUCTING CYCLOTRON AT VECC	S. Som	et. al.
114	Optimization of Dipole Magnets in the Injection Line of Superconducting Cyclotron through Field Measurement	M.H. Rashid	et. al.
118	Beam Optics and Resonator Design for the 97 MHz DTL at IUAC	Ajith Kumar,	et. al.
135	ESTIMATION OF BEAM ENVELOPE IN THE CENTRAL REGION OF A HIGH CURRENT COMPACT CYCLOTRON	A. Goswami	et. al.
137	COMMISSIONING EXPERIENCES ON HIGH VOLTAGE GENERATOR OF 750 KEV DC ACCELERATOR AT RRCAT, INDORE	R. Banwari	et. al.
140	Operational experience with the Control Scheme for IUAC Linac Booster	B.K. Sahu	et. al.
141	Estimation of Induced Radioactivity in Accelerator Driven Systems by 250 MeV Protons	Maitreyee Nandy	et. al.
145	Safety Aspects of Indus-1 & Indus-2	D.S.Thakur	et. al.
150	Quadrupole to BPM offset determination in Indus-2	Saroj Jena	et. al.
151	Commissioning and operation of Superconducting Linac at IUAC	S.Ghosh	et. al.
158	HIGH STABILITY BIPOLAR CURRENT POWER SUPPLY FOR A VARIABLE POLE-GAP DIPOLE MAGNET	M. L. Gandhi	et. al.
211	Skew Quadrupole in Sextupole Magnets for Indus2	Gautam Sinha	et. al.
222	FPGA BASED VME BOARDS FOR INDUS-2 TIMING CONTROL SYSTEM	Nitin Lulani	et. al.
224	Design of supervisory control system for FEL	P. P. Deshpande	et. al.
232	RESONANT FREQUENCY TRACKING SYSTEM	Gopal Joshi	et. al.
236	Closed orbit correction scheme for Indus-2 using MICADO and SVD algorithms	Riyasat Husain	et. al.
259	Synchronization of RF fields of Indus 2RF Cavities for proper injection and Acceleration of beam	N. Tiwari	et. al.
262	Design and development of 400keV RFQ accelerator	Abhay kumar,	et. al.
263	Performance and applications of 8/12 MeV variable energy microtron at Mangalore University	Ganesh Sanjeev	et. al.
264	Deformation of micro and nano mechanical structures under highly focused intense ion beams	Sarvesh K. Tripathi	et. al.