

Program Schedule InPAC-2023

Day 1: 13 March 2023 (Monday)

INAUGURAL SESSION (HALL A)

09:30 - 09:40	Opening remarks: Srinivas Krishnagopal (Director (N), MRG, BARC)	
09:40 - 10:00	Address by Chief Guest: Dr. Anil Kakodkar (Chancellor, HBNI & Member, AEC)	
10:00 - 10:10	Closing remarks: Rajesh Kumar (Convenor, InPAC-2023)	
10:10 - 10:30	Inauguration of Industrial Exhibition	
10:30 - 11:15	HIGH TEA	
PLENARY SESSION - 1 (HALL A)		
11:15 - 11:45	Pellatron and SC Linac (IUAC)	Avinash Pandey
11:45 - 12:15	LEHIPA (BARC)	Rajesh Kumar
12:15 - 12:45	ARPF (RRCAT)	Jishnu Dwivedi
12:45 - 13:15	Superconducting Cyclotron (VECC)	Atanu Dutta
13:15 - 14:15	LUNCH	
14:15 - 14:45	Indian Institutions & Fermilab Collaboration	Purushottam Shrivastava
14:45 - 15:15	Future Accelerators at CERN	Frank Zimmerman
15:15 - 15:45	High Brilliance Light Sources	John Byrd
15:45 - 16:15	TEA	
16:15 - 16:35	Industry Talk : Pfeiffer Vacuum	
16:35 - 16:55	Industry Talk : JAPS Inc	
16:55 - 17:15	Industry Talk: Rosalina Instruments	
17:30 - 18:30	ISPA GBM	
19:30 - 21:30	Dinner (DAE Convention Centre)	

Day 2: 14 March 2023 (Tuesday)

PLENARY SESSION - 2 (HALL A)

09:30 - 10:00	INDUS-2 (RRCAT)	Tushar Puntambekar
10:00 - 10:30	IR-FEL (RRCAT)	K K Pant
10:30 - 11:00	HCI (IUAC)	Rajeev Mehta
11:00 - 11:30	TEA	
11:30 - 11:50	RIB (VECC)	Vaishali Naik
11:50 - 12:10	Pellatron Linac Facility (BARC/TIFR)	Vandana Nanal
12:10 - 12:30	FOTIA (BARC)	Arun Agarwal
12:30 - 12:50	1 MV DC accelerator (BARC)	P C Saroj
12:50 - 14:00	LUNCH	

PARALLEL SESSIONS

PAS - 1: Accelerators and Beams (HALL A)

PAS - 2: RF Systems (HALL B)

14:00 - 14:20	Beam Trial Experiments of 9300 MHz 6 MeV X-Band Linac	Jayanta Mondal	14:00 - 14:20	RF characterization of 32 kW and 40 kW, 650 MHz Solid State RF Power Amplifiers	Kriti Pathak
14:20 - 14:40	Status report on the 10 MeV superconducting electron linac at VECC	Siddhartha De Choudhary	14:20 - 14:40	Kalman Filter as detuning estimator for experimental RF cavity	R Keshwani
14:40 - 15:00	Design of Superconducting Linac for Radio Active Ion Beam Generation	Asavari Dhavale	14:40 - 15:00	Operational experience of Digital LLRF system for particle accelerators at RRCAT	Nitesh Tiwari
15:00 - 15:20	RF characterization and tuning of DTL tanks 3 & 4 for LEHIPA	Elina Mishra	15:00 - 15:20	Development of pulse and event synchronization system for LEHIPA	Deepak N Mathad
15:20 - 15:40	Four Dimensional Transverse Phase Space Reconstruction Technique using multiple 2D Profiles	Sanket Haque	15:20 - 15:40	Design, Fabrication and Characterization of HOM Damped RF Cavity	M Prasad
15:40 - 16:00	Simulation of Transverse Single Bunch Instabilities in HBSRS Booster synchrotron	Abdurrahim	15:40 - 16:00	Design and Testing of components for High Power RF Systems for LEHIPA 20 MeV acceleration	B V Ramarao
16:00 - 16:30	TEA				
16:00 - 18:30	POSTER SESSION - 1				

19:00 - 21:30 Ghazal Night and Dinner (DAE Convention Centre)

Day 3: 15 March 2023 (Wednesday)

PLENARY SESSION - 3 (HALL A)

09:30 - 10:00	Radio-isotope production using the VECC medical cyclotron	Sumit Som
10:00 - 10:30	Cancer Treatment using Proton Cyclotron at Apollo Hospital, Chennai	D Sharma
10:30 - 11:00	Societal applications of electron Accelerators	R I Bakhatsingh
11:00 - 11:30	TEA	
11:30 - 11:50	High power RF systems for future accelerators	M. Lad
11:50 - 12:10	Challenges in Cavity Processing	S. Raghavendra
12:10 - 12:30	Cryogenics for superconducting accelerators	Anindya Chakravarty
12:30 - 12:50	Beams in cavities	Vinit Kumar
12:50 - 14:00	LUNCH	

PARALLEL SESSIONS

PAS - 3: Superconducting Cavities and Cryogenics (HALL A)

PAS - 4: Accelerator Technologies (HALL B)

14:00 - 14:20	Development of Elliptically Shaped High Beta 650 MHz Superconducting RF Cavity: An Overview	Vikas Jain	14:00 - 14:20	Design and characterisation of anodised aluminium strip solenoids	Gautam Sinha
14:20 - 14:40	Frequency Measurement of Halfcells, Dumbbells and Subassemblies of Low Beta 650MHz 5-cell SCRF (LB650) Cavity	Sudeshna Seth	14:20 - 14:40	Development, fringe field optimization & cryogenic qualification of pre-series 6 T conduction cooled magnet assemblies for High Intensity Proton accelerators	Kumud Singh
14:40 - 15:00	Study and Development of Various Dissimilar Metal Joints of Superconducting Radio Frequency cavities	Syed Moulali	14:40 - 15:00	Measurements of a gas-sheet based beam profile monitor	Sherry Rosily
15:00 - 15:20	Dark Current calculation in SRF Elliptic Cavities	Ram Prakash	15:00 - 15:20	Beam-diagnostics at LEHIPA	Jose V Mathew
15:20 - 15:40	Development of SHP20: 2 K Cryo-plant for MEHIPA	Naseem Ahamed	15:20 - 15:40	Beam profile and emittance measurement using scintillation screen and solenoid scan method.	Hitesh Kewlani
15:40 - 16:00	Status of High Energy Electron linac development for medical isotopes production at SAMEER	Tanuja Dixit	15:40 - 16:00	Development of a Prototype Fast-ramp Power Converter with Grid Power Control	Abhishek Srivastava
16:00 - 16:30	TEA				
16:00 - 18:30	POSTER SESSION - 2				

18:30 - 19:00 Medical Accelerators at CERN
Maurizio Vrettnner

19:30 - 21:30 Banquet (Golden Banquet Hall, Deonar)

Day 4: 16 March 2023 (Thursday)

PLENARY SESSION - 4 (HALL A)

09:30 - 10:00	Future Accelerators at RRCAT	S. V. Nakhe
10:00 - 10:30	Future Accelerators at BARC-MEHIPA	Srinivas Krishnagopal
10:30 - 11:00	Laser wakefield accelerators	Anand Moorti
11:00 - 11:30	TEA	
11:30 - 11:50	IUAC-DLS	Subendhu Ghosh
11:50 - 12:10	LLRF system for Superconducting Cavities	Gopal Joshi
12:10 - 12:30	Future Accelerators at BARC- PLF Upgradation & R&D towards SUBHIR	Anit Gupta
12:30 - 13:30	LUNCH	
13:30 - 16:00	POSTER SESSION - 3	
15:30 - 16:00	TEA	
16:00 - 16:15	Young Scientist Award presentation	
16:15 - 16:30	Young Engineer Award presentation	
16:30 - 16:45	Best Thesis presentation	
16:45 - 17:00	Award Ceremony	
17:00 - 17:15	Concluding Remarks	