

**WORKSHOP ON SUPERCONDUCTING RADIO FREQUENCY SCIENCE & TECHNOLOGY: SRFSAT-2017**  
**SEPTEMBER 20-22, 2017, INTER UNIVERSITY ACCELERATOR CENTRE, NEW DELHI**

Time	20 Sept. 2017	21 Sept. 2017	22 Sept. 2017
7:30-8:30	Breakfast - IUAC Canteen	Breakfast - IUAC Canteen	Breakfast - IUAC Canteen
8:30-9:30	Registration	Design & Development of 650 MHz Low Beta Elliptical Cavity - Dr. Sumit Som	Multipacting Studies in SSR Cavities for Indian ADS Programme - Shri. Abhishek Pathak
9:30-10:15	Inauguration	-	-
9:30-10:30	-	Nb3Sn Film Development for the Future of SCRF Cavities - Dr. Saravan Chandrasekaran	Mechanical Engineering aspects of Superconducting Niobium Cavities Shri. Pranab Bhattacharyya
10:15-11:15	Keynote Address: Challenges in SRF Science & Technology - Dr. Amit Roy	-	-
10:30-11:00	-	Tea Break	Tea Break
11:00-12:00	High Tea (11:15-12:00)	TEM Class Superconducting Resonator Design, Lecture #1 - Dr. P N Prakash	Path forward for Economic and High Performance SRF Accelerator Structures Dr. Ganapati Rao Myneni
12:00-13:00	Thin Films and their Applications for Superconducting RF Cavities - Dr. K J S Sokhey	Development of Laser Beam Welded Niobium Cavity, and Cryomodule Design for a 1 GeV Proton Linac - Shri. Prashant Khare	High Power RF Coupler Design for Accelerating Cavities - Shri. Rajesh Kumar
13:00-14:00	Group Photograph followed by Lunch	Lunch	Lunch
14:00-15:00	TM Class Superconducting Cavity Design, Lecture #1 - Dr. Vinit Kumar	Electromagnetic Simulation Codes for Designing Cavities, Lecture #1 - Dr. Puneet Jain	Processing & Testing of TEM Class Niobium Resonators - Shri. Abhishek Rai
15:00-16:00	N-Doping: The New Standard for High-Q SRF Dr. Saravan Chandrasekaran	TEM Class Superconducting Resonator Design, Lecture #2 - Dr. P N Prakash	Concluding Remarks Distribution of Certificates
16:00-16:30	Tea Break	Tea Break	Tea Break
16:30-17:30	TM Class Superconducting Cavity Design, Lecture #2 - Dr. Vinit Kumar	Electromagnetic Simulation Codes for Designing Cavities, Lecture #2 - Dr. Puneet Jain	Lab Visit
17:30-18:30	Tea & Snacks	Tea & Snacks	Tea & Snacks
19:30-20:30	High Beta SCRF Cavities Engineering Issues & Challenges: A Reference to Development Activities at RRCAT - Shri. Avinash Puntambekar	TIFR Superconducting Linac: Operational Experience, Limitations and Future Plans Prof. R G Pillay	-
20:30-21:30	Director's Dinner	Dinner	Dinner