

10-O-5A (Large Scale Cryogenics II)

Chairperson: Dr Laurent Tavian

Abstract ID	Presentation no	NAME	Name of the Organization	Country	Title
298	10-O-5A-IT-17	Mr. Krzysztof Brodzinski	CERN	Switzerland	LHC cryogenics - new experience of run with increased beam energy and intensity
313A	10-O-5A-IT-20	Prof. Ralf Eichhorn	Cornell University	United States	Cooldown and Performance of the Cornell ERL Main Linac Cryomodule.
290	10-O-5A-1	Mr. Pradeep Kush	RRCAT	India	Cryogenic infrastructure at RRCAT for characterization of SCRF cavities at 2K
168	10-O-5A-2	Dr. Cecile Gondrand	Air Liquide Advanced Technologies	France	Turbo-Brayton refrigeration systems

10-O-5B (Heat Transfer)

Chairperson: Prof. Sunil Sarangi

29A	10-O-5B-IT-18	Prof. Maoqiong Gong	Technical Institute of Physics and Chemistry, Chinese Academy of Sciences	China	Research progress on mixed-gases Joule-Thomson refrigeration operating at low temperature ranges in TIPC of CAS
26A	10-O-5B-1	Mr. Ram Dhuley	Florida State University	United States	Study of sudden loss of vacuum in a tube cooled by liquid helium
241	10-O-5B-2	Dr. Sarng Woo Karng	Korea Institute of Science and Technology	Korea, South	Thermal characteristics of aerogel insulation materials for cryogenic liquid storage

65	10-O-5B-3	Mr. MUKESH GOYAL	BHABHA ATOMIC RESEARCH CENTRE	India	Numerical studies on sizing/ rating of plate fin heat exchangers for a modified Claude cycle based helium liquefier/ refrigerator
198	10-O-5B-4	Ms. Joanna Liberadzka	CERN	Switzerland	Heat Transfer at the Sapphire- Indium Interface in the 30 - 300 mK Temperature Range
10-O-5C (Superconducting Materials II) Chairperson: Prof. V. Palmieri					
95	10-O-5C-IT-19	Prof. Venkat Selvamanickam	University of Houston	United States	Recent progress in REBCO coated conductors for high performance in high field and AC applications
366	10-O-5C-IT-21	Prof. Takanobu Kiss	Kyushu University	Japan	Multi-scale modeling and analysis of current-voltage characteristics in long HTS tapes
389A	10-O-5C-1	Dr. Arend Nijhuis	University of Twente	Netherlands	Minimum quench energy of ITER Nb3Sn CS conductor by numerical modeling and experiments
34	10-O-5C-2	Prof. SUBODH DE	INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE	India	Exchange bias and magnetocaloric effect in LaCr _{0.9} Ru _{0.1} O ₃ at low temperature