10-O-6A (Cryogenics for Accelerator,Fusion &Space)

Chairperson: Prof. Maciej Chorowski

Abstract ID	Presentation no	NAME	Name of the Organization	Country	Title
180	10-O-6A-1	Mr. Manir Ahammed	VECC	India	Exergy analysis of cryogenic delivery system of superconducting electron linac
431	10-O-6A-2	Dr. Tushar Bhowmick	DH Industries BV	Netherlands	Extraction of high volume cryogenic heat load
377	10-O-6A-3	Mr. SATISH BADGUJAR	ITER Organization	France	Assembly Installation studies for the ITER cryoline system
197	10-O-6A-4	Mr. Rohitkumar Panchal	Institute for Plasma Research	India	Upgradation of integrated flow distribution and control (IFDC) system for SST-1
254	10-O-6A-5	Dr. Sandip Pal	VEC Centre	India	Design and optimization of helium liquefaction system with targeted capacity of 50 lph without LN2

10-O-6B (Superconductivity & Materials)

Chairperson: Prof. Herman Ten Kate

384	10-O-6B-1	Dr. Anna Kario	ITEP; KIT	Germany	Strand striation for reducing AC losses in Roebel cables: is it a viable solution?
392	10-O-6B-2	Dr. Deepnarayan Gupta	HYPRES	United States	Integrated Cryogenic Electronics Testbed (ICE-T) for Evaluation of Superconductor and Cryo-Semiconductor Integrated Circuits

297B	10-O-6B-3	Prof. Abdelhakim Nafidi	University Ibn Zohr	Morocco	Remarkable influence of argon heat treatment on Tc and irreversibility line in high Tc superconductors (Y0.5Ln0.5)SrBaCu3O6+z (Ln=Eu, Sm and Nd)
72	10-O-6B-4	Prof. Rajender Singh	University of Hyderabad	India	Comparative studies of vortex pinning mechanisms in Bi-2212 and MgB2 superconductors
10-O-6C (Heat Transfer, Novel Devices & Concepts) **Chairperson: Prof. Alian Girard**					
237	10-O-6C-1	Dr. Zhanguo ZONG	High Energy Accelerator Research Organization	Japan	Experimental study on heat transfer through a few layers of multilayer insulation from 300 K to 4B K
195	10-O-6C-2	Dr. Torsten Koettig	CERN	Switzerland	Thermal Conductivity Measurements of Impregnated Nb3Sn Coil Samples in the Temperature Range between 3.5 K and 30 K
268A	10-O-6C-3	Prof. Rijo Jacob Thomas	TKM College of Engineering	India	Experimental investigation on mass flow rate measurements using fibre Bragg grating sensors
275	10-O-6C-4	Dr. K Gireesan	Indira Gandhi Centre for Atomic Research	India	Design and Development of helmet shaped SQUID sensor array holder for MEG studies
305	10-O-6C-5	Ms. Ranjana Gangradey	Institute For Plasma Research	India	Journey towards realization of fusion reactor grade cryopump & related technologies in india