

9-O-4A (Rf-Superconductivity)

Chairperson: Dr. R.G. Sharma

Abstract ID	Presentation no	Name	Name of the Organization	Country	Title
398	9-O-4A-IT-12	Prof. Vincenzo Palmieri	INFN-LNL and UniPD	Italy	Thermal Boundary Resistance problems for superconducting cavities
285	9-O-4A-IT-15	Mr. Leonardo Ristori	Fermilab	United States	SRF Development for PIP-II at Fermilab: Status and Challenges
350	9-O-4A-1	Mr. Satish Joshi	RRCAT	India	Development of Infrastructure Facilities for Superconducting RF Cavity Fabrication, Processing and 2 K Characterization at RRCAT
315	9-O-4A-2	Dr. ADNAN GHRIBI	GANIL - CNRS/CEA	France	Spiral 2 cryogenic system for the superconducting LINAC
129	9-O-4A-3	Dr. Mohammed FOUAIDY	Institut de Physique Nucleaire d'Orsay	France	Detection and location of SRF bulk niobium cavities quench using second sound sensitive sensors in superfluid helium
329B	9-O-4A-4	Dr. Rui Ge	Institute of High Energy Physics, CAS	China	Development of the cryomodule for CADS injector I

9-O-4B (Cryogenics for fusions)

Chairperson: Prof. Y. Saxena

278	9-O-4B-IT-13	Dr. Christine Hoa	CEA	France	Installation and Pre-commissioning of the Cryogenic System of JT-60SA tokamak
349	9-O-4B-IT-16	Dr. Biswanath Sarkar	ITER-IPR	India	Status of ITER Cryo-distribution and Cryoline project

390	9-O-4B-1	Dr. Laura Savoldi	NEMO Group, Dipartimento Energia	Italy	Simulation of the ITER Central Solenoid Insert (CSI) and Model Coil cooldown and warm-up using the 4C code
381	9-O-4B-2	Mr. Nitin Bairagi	Institute for Plasma Research (IPR), Bhat, Gandhinagar	India	Cryogenic Heat loads Analysis from SST-1 Plasma Experiments
172	9-O-4B-3	Dr. Michael Nagel	Max-Planck-Institut of Plasma physics	Germany	Cryogenic commissioning, cool down and first magnet operation of Wendelstein 7-X
347	9-O-4B-4	Mr. Ritendra Bhattacharya	ITER-IPR	India	Experimental results of ITER cold circulators towards the performance demonstration

9-O-4C (LNG, Safety & Recondensation)

Chairperson: Prof. Carlo Fedeghini

279	9-O-4C-IT-14	Ms. Carolin Heidt	Karlsruhe Institute of Technology (KIT)	Germany	First experimental data of the cryogenic safety test facility PICARD
220	9-O-4C-1	Dr. Indranil Ghosh	Indian Institute of Technology, Kharagpur	India	Continuous sorption cooling in activated carbon-nitrogen system using metal foam as regenerator
50	9-O-4C-2	Prof. Srinivasan Kasthuriangan	CCT IISc Bangalore 560012	India	Performance studies of cryocooler based cryosorption pumps with indigenous activated carbons for fusion applications
340	9-O-4C-3	Mr. Charles Janeke	Constellation Dynamics	United States	Hypersonic cryogenics : A complex Carnot process
142	9-O-4C-4	Prof. Kanchan Chowdhury	IIT Kharagpur	India	Recondensation of excess boil-off gas by liquid nitrogen produced using LNG cold in a regasification terminal
53	9-O-4C-5	Dr. Nisith Das	Variable Energy Cyclotron Centre	India	Indigenous development of a dilution refrigerator

156	9-O-4C-6	Prof. Fei Duan	Nanyang Technological University	Singapore	Stirling engine for recovering LNG cold energy and exhaust heat
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