

Session Program

22-26 Jul 2024

ICEC29/ICMC2024

Thu-Po-3.5

CICG - GENEVA, Switzerland
Rue de Varembe 17, 1202 Genève

Thursday 25 July

14:00

Thu-Po-3.5: Cryocoolers 2

Poster Session | **Location:** Poster area | **Convener:** Delio Ramos

DESIGN AND COMMISSIONING OF THE NITROGEN CRYOGENIC SYSTEM FOR THE HEPS

Speaker

Ma Changcheng

Experimental study of silver powder sintering for optimization of sintered heat exchanger in dilution refrigerator

Speaker

Lingjiao Wei

Study on the performance of liquid helium re-liquefier for superconducting chip test

Speaker

Dr Guopeng Wang

Development of a high-capacity single-stage 20K GM cryocooler

Speaker

Yoshinori Fujii

Development of two-stage Stirling cooler for simultaneous cooling at 100 K and 50 K

Speaker

Bokeum Kim

Numerical investigation of free piston Stirling cooler with annular regenerator for moderate cryogenic temperature applications

Speaker

Dr Biju T. Kuzhiveli

Development of a cryogen-free test cryostat for a superconducting CCT short magnet

Speaker

Arthur IZIQUEL

Conduction Cooling Test Facility for Superconducting Model Coils

Speaker

Dr Luis Antonio Gonzalez Gomez

PRELIMINARY design of a LH2 target cooling system at LBL

Speaker

Li Wang

Investigation of the stand-alone cryomodule for the 3rd harmonic cavity of the synchrotron light source

Speaker

Dr Junho Han

Cryocooler-based conduction cooling technology development for 1.3 GHz Nb₃Sn superconducting radio frequency cavity**Speaker**

Tomohiro Yamada

A helium isotope separation system with an optimized entropy filter**Speaker**

Liguo Wang

Cryocooler development for superconducting applications**Speaker**

Mrs Louise Terrien

16:00