

Session Program

9-13 Jul 2023



CEC/ICMC 2023 Abstracts & Technical Program

C20r3C: Miscellaneous II

Hawaii Convention Center

Tuesday 11 July

16:15

C2Or3C: Miscellaneous II

Session | Location: 323B | Conveners: Greg Tatkowski, Matthew Hollister

16:15-16:45

C2Or3C-01: [Invited] Design, Configuration and Thermal Optimization of Advanced Cryostats

Speaker

Prof. Quan-Sheng Shu

16:45-17:00

C2Or3C-02: Development of a measurement system to measure in-situ the ortho/para concentration of liquid hydrogen

Speaker

Dr Yannick Beßler

17:00-17:15

C2Or3C-03: Cryopump concept development for the cryogenic mirror region of the Einstein Telescope - the future gravitational wave observatory

Speaker

Mr Stefan Hanke

17:15-17:30

C2Or3C-04: Temperature-dependent quantum dot fluorescence spectra measurement based on a micro-machined Joule-Thomson cooler

Speaker

Haiyue Pei

17:30-17:45

C2Or3C-05: Cryogenic Modules for Synergistic O₂ Generation and CO₂ Retention in Closed-Circuit Escape Respirators

Speaker

Adam Swanger

17:45-18:00

C2Or3C-06: Initiation and suppression of Taconis oscillations in tubes with junctions and variable-diameter tube segments

Speaker

Konstantin Matveev

18:00