

Session Program

21-25 Jul 2019



CEC-ICMC 2019 - Abstracts, Timetable and Presentations

C30r1A - Superfluid Helium

Connecticut Convention Center, Level 6
Hartford, Connecticut USA

Wednesday 24 July

11:00

C3Or1A - Superfluid Helium

Session | **Location:** Level 6, Room 22-23 | **Conveners:** Michael DiPirro, John Weisend

11:00-11:15

C3Or1A-01: Development of a Helium-3 Cryostat for Ultra-Cold Neutron Source

Speaker

Dr Shinsuke Kawasaki

11:15-11:30

C3Or1A-02: Thermo-Fluid Analyses and Experiments for UCN Cryogenic System

Speaker

Dr Takahiro Okamura

11:30-11:45

C3Or1A-03: Quench spot detection for SRF cavities via flow visualization in superfluid helium-4

Speaker

Dr Shiran Bao

11:45-12:00

C3Or1A-04: Comparative study of heat transfer performance and visualization images of superfluid helium boiling in narrow two-dimensional channel

Speaker

Dr Suguru Takada

12:00-12:30

C3Or1A-05 [Invited]: Numerical modeling of a sub-Kelvin Active Magnetic Regenerative Refrigeration Cycle

Speaker

Chloe Gunderson

12:30