

Session Program

9-13 Jul 2017



CEC-ICMC 2017 - Abstracts, Timetable and Presentations

M3OrD - Focused Session: Cryogenic Microelectronics & Materials I

Monona Terrace Community and Convention Center
Madison, Wisconsin USA

Tuesday 11 July

11:00

M3OrD - Focused Session: Cryogenic Microelectronics & Materials I

Session | **Location:** Hall of Ideas - EH | **Conveners:** Shane Cybart, Mike Sumption

11:00–11:30

[Invited] Direct writing of High-TC Josephson Junctions with Focused Helium Ion BEams

Speaker

Prof. Shane Cybart

11:30–11:45

Focused Helium Ion Beam Irradiated Josephson Junctions and Arrays

Speaker

Yuchao Zhou

11:45–12:15

[Invited] Terahertz emission from the intrinsic Josephson junctions of high-symmetry thermally-managed BSCCO microstrip antennas

Speaker

Prof. Richard Klemm

12:15–12:30

Tunable Broadband Radiation Generated Via Ultrafast Laser Illumination of an Inductively Charged Superconducting Ring

Speaker

Thomas Bullard

12:30