

## Session Program

21-25 Jul 2019



## CEC-ICMC 2019 - Abstracts, Timetable and Presentations

### *C10r2B - Superconducting RF Systems, Power Cables, and Leads I*

Connecticut Convention Center, Level 6  
Hartford, Connecticut USA

# Monday 22 July

16:00

## C1Or2B - Superconducting RF Systems, Power Cables, and Leads I

**Session** | **Location:** Level 6, Room 24-25 | **Conveners:** Thomas Nicol, Jonathan Demko

16:00-16:15

### C1Or2B-01: Understanding the Response of High Temperature Superconducting Power Cables in Electrical Faults

**Speaker**

Sastry Pamidi

16:15-16:30

### C1Or2B-02: Development of a coaxial dipole designs using superconducting gas-insulated lines

**Speaker**

Dr Sastry Pamidi

16:30-16:45

### C1Or2B-03: Conduction-cooled SRF cavities: Apparatus and first results

**Speaker**

Ram Dhuley

16:45-17:00

### C1Or2B-04: Cryogenic system configurations to cool superconducting radio frequency cavities at 2 K

**Speaker**

Dr Dhananjay Ravikumar

17:00-17:15

### C1Or2B-05: Analysis of the thermal recovery of HTS cables after an overcurrent fault

**Speaker**

Jonathan Demko

17:15-17:30

### C1Or2B-06: Quick-replacement high-temperature superconducting current leads for use in a research cryostat

**Speaker**

Dr Mark Kimball

17:30-17:45

### C1Or2B-07: Investigation of Cryogenic Mixed-Refrigerant Cooled Current Leads in Combination with Peltier Elements

**Speaker**

Shabagin Eugen

17:45