Session Program

Jul 21 – 25, 2019

CEC-ICMC 2019 - Abstracts, Timetable and Presentations

M2Or4C - Focus Series C: Superconducting RF Cavity Materials II

Connecticut Convention Center, Level 6
Hartford, Connecticut USA

Tue, July 23

5:15 PM

M2Or4C - Focus Series C: Superconducting RF Cavity Materials II

Session | **Location:** Level 6, Room 14 | **Conveners:** Shreyas Balachandran, Martina Martinello

5:15 – 5:45 PM

M2Or4C-01 [Invited]: SRF materials: Current understanding and future directions

Speaker
Pashupati Dhakal

5:45 – 6:00 PM

M2Or4C-02: Models of the Thermal Conductivity of Superconducting Nb

Speaker
Prof. Neil Wright

6:00 – 6:15 PM

M2Or4C-03: Multiscale Mdelling of Niobium Sheets to Account for Anisotropic Evolution of Yield Surface and Plastic Potential

Speaker
Prof. Farhang Pourboghrat

6:15 – 6:30 PM

M2Or4C-04: Additive Manufacturing of Nb cavities for quantum computing

Speaker
Michael Sumption (for ICMC)

6:30 – 6:45 PM

M2Or4C-05: Microwave Microscopy of Materials Limitations of Superconducting RF Cavities

Speaker
Bakhrom Oripov

6:45 – 7:00 PM

M2Or4C-06: Additive Manufacturing of High Purity Niobium and Copper for SRF and NCRF Applications

Speaker
Mr Christopher Ledford

7:00 PM