

CEC-ICMC 2019 - Abstracts, Timetable and Presentations

Wednesday, July 24, 2019

M3Or1C - Focus Series C: Superconducting RF Cavity Materials III - Level 6, Room 15-16 (9:30 AM - 11:00 AM)

-Conveners: Shreyas Balachandran; Karl Hartwig

time	[id] title	presenter
9:30 AM	A1083] M3Or1C-01 [Invited]: Direct observation of nanometer scale niobium hydride (Nb _{1-x} H _x) on SRF Nb cavity surface using cryogenic atomic force microscopy (AFM)	Dr SUNG, Zuhawn
10:00 AM	A1185] M3Or1C-02 [Invited]: Nitrogen doping, nitrogen infusion, and niobium-3 tin: recent challenges and advances in fundamental SRF accelerator physics	Mr MANISCALCO, James
10:30 AM	A1162] M3Or1C-03: Growth Mechanism and Kinetics of Nb ₃ Sn coating in tin vapor diffusion process	PUDASAINI, Uttar
10:45 AM	A1174] M3Or1C-04: Development of MgB ₂ /Cu cavities by HPCVD	CHEN, Ke