

CEC-ICMC 2019 - Abstracts, Timetable and Presentations

Wednesday, 24 July 2019

M3Or1C - Focus Series C: Superconducting RF Cavity Materials III - Level 6, Room 15-16 (09:30 - 11:00)

-Conveners: Karl Hartwig; Shreyas Balachandran

time	[id] title	presenter
09:30	[1083] 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	[1185] 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	[1162] M3Or1C-03: Growth Mechanism and Kinetics of Nb ₃ Sn coating in tin vapor diffusion process	PUDASAINI, Uttar
10:45	[1174] M3Or1C-04: Development of MgB ₂ /Cu cavities by HPCVD	CHEN, Ke