

7th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity

Thursday, July 28, 2016

Superconductors other than Nb (9:00 AM - 10:45 AM)

-Conveners: Enzo Palmieri

time	[id] title	presenter
9:00 AM	[13] Current peak performance of 1.3 GHz single-cell Nb ₃ Sn cavities coated at Cornell with associated sample surface analysis	Mr HALL, Daniel
9:30 AM	[14] Investigation of Nucleation for Nb ₃ Sn Diffusion Coatings on Niobium SRF cavities	Mr PUDASAINI, Uttar
9:55 AM	[15] Hybrid physical chemical vapor deposition of superconducting magnesium diboride coatings for 3 GHz RF cavities	LEE, Namhoon
10:20 AM	[16] Growth of MgB ₂ Films on Large Area Discs and RF Characterizations	Dr WITHANAGE, Wenura

Superconductors other than Nb - CEBAF Center F113 (11:10 AM - 12:50 PM)

-Conveners: Xiaoxing Xi

time	[id] title	presenter
11:10 AM	[19] Increase in vortex penetration field on bulk Nb coated with a MgB ₂ thin film without an insulation layer	Dr TAN, Teng
11:35 AM	[20] Stoichiometry and Thickness Dependence of Superconducting Properties of Niobium Nitride Thin Films	Ms BEEBE, Melissa
12:00 PM	[37] Superconducting NbN Thin Films Synthesized by Atomic Layer Deposition	Dr ZHANG, Kai
12:25 PM	[27] Magnetic Field Penetration Measurements on S-I-S Multilayer Structures	Mr GURRAN, Lewis