

9th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity

Tuesday, March 16, 2021

Alternate material based SRF thin films: Part 1 (10:45 AM - 11:45 AM)

-Conveners: Grigory Ereemeev

time	[id] title	presenter
10:45 AM	[27] Electrochemical and thermal synthesis of Nb ₃ Sn coatings on Nb substrates	LU, Ming TAN, Teng
11:05 AM	[35] Bronze route inspired Nb ₃ Sn thin film coatings for SRF cavities	WITHANAGE, Wenura
11:25 AM	[10] Nb ₃ Sn films via liquid tin diffusion for SRF application	PIRA, Cristian

Wednesday, March 17, 2021

Alternate material based SRF thin films: Part 2 (8:00 AM - 9:40 AM)

-Conveners: Thomas Proslie

time	[id] title	presenter
8:00 AM	[23] First Cavity Performance Test for Nb ₃ Sn Superconducting Cavity by Vapor Diffusion Process at KEK	TAKAHASHI, Kotaro
8:20 AM	[18] Nb ₃ Sn growth by multilayer sequential sputtering for SRF application	SAYEED, Md Nizam
8:40 AM	[5] Study of alternative materials for next generation SRF cavities at Cornell University	SUN, Zeming
9:00 AM	[22] Using HiPIMS for V ₃ Si Superconducting Thin Films	LOCKWOOD ESTRIN, Francis
9:20 AM	[25] Synthesis of Alternative Superconducting Film to Nb for SRF Cavity	VALIZADEH, Reza