

TTC Topical Workshop - RF Superconductivity: Pushing Cavity Performance Limits

Wednesday, 15 November 2017

Understanding gradient limitations: HFQS, vortex penetration and ultimate limits - IARC Auditorium (14:00 - 17:35)

-Conveners: John Zasadzinski; Anna Grassellino

time	[id] title	presenter
14:00	[23] New insights on HFQS	Dr GRASSELLINO, Anna
14:30	[24] Jlab results and perspective on HFQS removal mechanisms	Dr CIOVATI, Gianluigi
15:00	[27] A model for HFQS and innovative pathways towards higher gradients	Dr ROMANENKO, Alexander
15:30	Coffe break	
15:50	[25] Nanosurface characterization of nitrogen treated samples	Dr DANGWAL PANDEY, Arti
16:10	[26] New insight on the N-infusion effect in Niobium	TRENIKHINA, Yulia
16:30	[28] Prospective on ultimate gradient limitations in SRF cavities	Prof. GUREVICH, Alex
16:50	[29] Superheating field in impurity diffusion layer	Dr NGAMPRUETIKORN, Wave
17:10	[30] Theoretical calculations of maximum fields in SRF cavities	Dr LIARTE, Danilo