

7th SRF Materials Workshop

Monday, July 16, 2012

Session 3 - Raw materials - CEBAF Center F113 (1:30 PM - 4:30 PM)

time	[id] title	presenter
1:30 PM	[16] Raw materials specifications and material batch history	COOLEY, Lance
1:45 PM	[17] Niobium RRR and Ta specifications for SRF cavities: a critical review	CIOVATI, Gigi
2:00 PM	[20] Examination of surface damage layer on SRF cavities using EBSD	KANG, Di
2:15 PM	[19] Using resistivity measurements to track uptake of hydrogen as a function of material working	DZYUBA, Alexander
2:30 PM	[18] Recovery of Phonon Peak in Annealed Niobium as a Function of Initial Strain and Hydrogen Concentration	CHANDRASEKARAN, Saravan
2:45 PM	Break	
3:00 PM	[21] Requirements for crystal growth of single crystal SRF niobium	WALLACE, John
3:15 PM	[23] In-situ tensile tests on single crystal specimens with different orientations	KANG, Di
3:30 PM	[24] Refining Crystal Plasticity Finite Element Model for Deformation of Single Crystal Niobium	MAPAR, Aboozar BIELER, Thomas
3:45 PM	[22] Ingot niobium - the Choice Materials for Future SRF Cavity Applications?	KNEISEL, Peter
4:00 PM	[49] Discussion - Raw materials	