

6th SRF Materials Workshop

Thursday, 18 February 2010

Session 2: Recent coupon results and drivers (10:30 - 12:20)

time	[id] title	presenter
10:30	[5] Search for pit formation mechanisms – weld coupon electropolishing	, Cooley (FNAL)
10:40	[6] Recent developments in understanding the mild baking effect	, Romanenko (FNAL)
11:00	[49] Effect of Low T baking on field emission and Nb surface oxide layer structure	, Wu (JLab)
11:10	[50] Annealing Temperature and Thermal Conductivity of Superconducting Niobium	, Wright (MSU)
11:20	[51] Further evidence for localized magnetic moments in the surface oxides of air-exposed niobium	, Zasadzinski (IIT)
11:30	[100] Fundamental Surface Chemistry Studies of Niobium Oxidation	, Nakajima (UChicago)
11:40	[52] Evidence for suppressed superconductivity across buffer chemically polished grain boundaries of SRF quality niobium	, Sung (FSU)
12:00	[53] Discussion	