

TTC meeting 2018 at RIKEN Nishina Center

Tuesday 26 June 2018

WG-2: How to improve the present specification for bulk Niobium? - Nishina Hall (11:00 - 12:30)

-Conveners: Sam Posen (FNAL); Claire Antoine (CEA); Akira Yamamoto (KEK and CERN)

time	[id] title	presenter
11:00	[35] Introduction	POSEN (FERMILAB), Sam
11:05	[36] Performance in LCLS-II Cryomodules at Fermilab	POSEN (FERMILAB), Sam
11:15	[37] Doping Results as a Function of Different Material for LCLS-II	GONNELLA (SLAC), Dan
11:35	[38] Microscopic Investigation of Flux Expulsion in Production Grade Niobium	MARTINELLO (FNAL), Martina
11:55	[39] Microstructural studies of Flux Expulsion and Entry in LCLS-II Material	DHAKAL (JEFFERSON LAB), Pashupati BALACHANDRAN, S.
12:10	[109] First trial of temperature dependent EBSD measurement	KONOMI (KEK), Taro
12:15	[40] Discussion	ALL

WG-2: How to improve the present specification for bulk Niobium? - Nishina Hall (14:00 - 15:30)

-Conveners: Sam Posen (FNAL); Claire Antoine (CEA); Akira Yamamoto (CERN/KEK)

time	[id] title	presenter
14:00	[41] The importance of recrystallization	ANTOINE (CEA), Claire
14:20	[42] LG- and FG-Niobium SRF Cavity Fabrication and Test Results at KEK	DOHMAE (KEK), Takeshi
14:40	[43] Ingot Niobium for Efficient and Potentially Low Cost SRF Cavities	DHAKAL (JLAB), Pashupati
14:55	[44] Experience with LG Niobium SRF Cavities	SAITO (FRIB), Kenji
15:10	[45] Discussion, and preparation for Vender's session	ALL YAMAMOTO (KEK AND CERN), Akira

WG-2: How to improve the present specification for bulk Niobium? - Nishina Hall (16:00 - 17:30)

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time	[id] title	presenter
16:00	[46] Report from Tokyo-Denkai	UMEZAWA (TD), Hiroaki
16:10	[47] Report from ATI	O'LAREY (ATI), Philip
16:20	[48] Response from OTIC	ZHAO (NINGXIA), HONGYUN
16:30	[49] Report from HERAEUS	YAMAMOTO (KEK AND CERN), Akira SPANIOL, B.
16:40	[50] Report from ULVAC	SHINOZAWA(ULVAC), S. NAGATA(ULVAC), T.
16:50	[51] Report from CBMM	ABDO (CBMM), Gustavo

17:00	[52] Panel Discussion to reach consensus for specification improvements	ALL
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time	[id] title	presenter
11:00	[53] LG Cavity Experience at DESY	SEKUTOWICZ (DESY), Jacek
11:20	[54] Experimental Study of Flux Expulsion and Cold Work	POSEN (FNAL), Sam
11:35	[55] Eddy Current Scanning of Large Niobium Sheets	SCHLANDER (ESS), Felix
11:45	[56] Effect of high Tantalum for cost-effective SRF Cavities	MYNENI (ISOHIM), Ganapati
12:00	[57] Niobium RRR Dependence on SRF Cavity Performance	YAMAMOTO (KEK AND CERN), Akira KUBO (KEK), Takayuki
12:10	[58] Discussion: How we may improve Nb specification?	ALL