



# TTC2023 Meeting, Fermilab

## Wednesday, 6 December 2023

### WG2: Cavity and ancillaries design - Curia II (14:00 - 15:30)

-Conveners: Jun Tamura (JAEA)

time	[id] title	presenter
14:00	[93] Design and Optimization of Single Spoke Cavities for Medium Energy, High-Intensity Proton Accelerators (MEHIPA)	PATHAK (FNAL), Abhishek
14:20	[94] Crab Cavities for Electron Ion Collider	XIAO (BNL), Binping
14:40	[95] Crab Cavities for International Linear Collider	DE SILVA (ODU), Subashini
15:00	[96] Tuner development for HILumi crab cavities	CALAGA (CERN), Rama
15:20	[97] Discussion	

### WG2: Cavity fabrication - Curia II (16:00 - 17:30)

-Conveners: David Longuevergne (IJCLab)

time	[id] title	presenter
16:00	[98] RFD crab cavity production for LHC HILumi upgrade	NARDUZZI (FNAL), Manuele
16:20	[99] Fabrication experience of PIP-II SSR1 and SSR2 cavities	PARISE (FNAL), Mattia
16:40	[100] Prototyping of Single Spoke Resonators(SSRs) for RAON	JUNG (IBS), Hoechun
17:00	[101] Fabrication of 650 MHz deflecting cavity	YAO (TRIUMF), Zhongyuan
17:20	[102] Discussion	

# Thursday, 7 December 2023

## **WG2: Surface processing and testing - Curia II (11:00 - 12:30)**

-Conveners: Jun Tamura (JAEA)

time	[id] title	presenter
11:00	[103] Fabrication and Testing of DQW Crab Cavities for LHC HiLumi Upgrade	TURAJ (CERN), Katarzyna
11:15	[104] RFD crab cavity prototype testing and lessons learned for HiLumi upgrade	CASTILLA LOEZA (JEFFERSON LAB), ALEJANDRO
11:30	[105] Tentative : Mitigation of HFQS in an electropolished HWR	ELLIOTT (FRIB), Kyle
11:45	[106] Path toward the validation of the first PIP2 SSR2 cavity : experience vs simulations and challenges	LONGUEVERGNE (IJCLAB/FNAL), David
12:00	[107] 185 MHz QWR-based SRF gun cavity development: vertical test results	KONOMI (FRIB), Taro
12:15	[108] Open Discussion	

## **WG2: Cryomodule and ancillaries - Curia II (14:00 - 15:30)**

-Conveners: Subashini De Silva (ODU)

time	[id] title	presenter
14:00	[109] Experience of testing TEM cavities in FREIA laboratory: ESS series double-spoke cryomodules and CERN Crab cavity	ZHOVNER (UPPSALA UNIV), Mykhailo
14:20	[110] Double-spoke cavity cryomodule for CSNS-II project	CONG (IHEP), Zhang
14:40	[111] UK Crab Cavity Cryomodule development for Hi Lumi LHC	TEMPLETON (STFC), Niklas
15:00	[112] Fabrication and testing of HOM dampers for RFD crab cavities for LHC HiLumi Upgrade	HUQUE (JLAB), Naeem
15:20	[113] Open Discussion	