

FCC Week 2017

Tuesday, May 30, 2017

RF: Recent designs and progress - “Tiergarten I-II-III” (8:30 AM - 10:00 AM)

-Conveners: Anne-Marie Valente-Feliciano

time	[id] title	presenter
8:30 AM	[54] RF system design for the CEPC main ring	ZHAI, Jiyuan
8:50 AM	[55] Update on the US decadal roadmap on SRF technology for HEP accelerators	BELOMESTNYKH, Sergey
9:10 AM	[56] Cavity design approaches and HOM damping for FCC-ee	GORGI ZADEH, Shahnam
9:30 AM	[58] Crab cavities for FCC	CALAGA, Rama

RF: Materials - “Tiergarten I-II-III” (10:30 AM - 12:00 PM)

-Conveners: Robert Alan Rimmer

time	[id] title	presenter
10:30 AM	[59] Potential performance of N doping and Nb3Sn	POSEN, Samuel Elliott
10:48 AM	[60] ECR: from samples to cavities	VALENTE-FELICIANO, Anne-Marie
11:06 AM	[61] Alternative materials and coating techniques for cavities	ILYINA, Katsiaryna
11:24 AM	[62] Copper electropolishing studies for the FCC-ee SC-RF cavities	MARQUES ANTUNES FERREIRA, Leonel
11:42 AM	[63] Surface characterization of Nb/Cu 6 GHz seamless cavities	VALIZADEH, Reza

RF: Review: RF system concepts and requirements - “Tiergarten I-II-III” (1:30 PM - 3:00 PM)

-Conveners: Jiyuan Zhai

time	[id] title	presenter
1:30 PM	[64] RF scenarios and parameters layout for FCC	SCHWERG, Nikolai
1:50 PM	[65] Cavity design and beam-cavity interaction	BUTTERWORTH, Andy
2:10 PM	[66] Beam Dynamics studies for FCC-ee	KARPOV, Ivan
2:30 PM	[67] RF feedback design and performance	HOFLE, Wolfgang

RF: Review: Directions for R&D - “Tiergarten I-II-III” (3:30 PM - 5:00 PM)

-Conveners: Samuel Elliott Posen

time	[id] title	presenter
3:30 PM	[68] Nb/Cu perspectives for FCC	AULL, Sarah
3:50 PM	[69] Innovative cryomodule designs	RIMMER, Robert Alan
4:10 PM	[70] FPC challenges and perspectives for FCC	MONTESINOS, Eric
4:30 PM	[71] High efficiency klystron technology	SYRATCHEV, Igor