

FCC Week 2017

Tuesday, 30 May 2017

RF: Recent designs and progress - “Tiergarten I-II-III” (08:30 - 10:00)

-Conveners: Anne-Marie Valente-Feliciano

time	[id] title	presenter
08:30	[54] RF system design for the CEPC main ring	ZHAI, Jiyuan
08:50	[55] Update on the US decadal roadmap on SRF technology for HEP accelerators	BELOMESTNYKH, Sergey
09:10	[56] Cavity design approaches and HOM damping for FCC-ee	GORGI ZADEH, Shahnam
09:30	[58] Crab cavities for FCC	CALAGA, Rama

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

-Conveners: Robert Alan Rimmer

time	[id] title	presenter
10:30	[59] Potential performance of N doping and Nb ₃ Sn	POSEN, Samuel Elliott
10:48	[60] ECR: from samples to cavities	VALENTE-FELICIANO, Anne-Marie
11:06	[61] Alternative materials and coating techniques for cavities	ILYINA, Katsiaryna
11:24	[62] Copper electropolishing studies for the FCC-ee SC-RF cavities	MARQUES ANTUNES FERREIRA, Leonel
11:42	[63] Surface characterization of Nb/Cu 6 GHz seamless cavities	VALIZADEH, Reza

RF: Review: RF system concepts and requirements - “Tiergarten I-II-III” (13:30 - 15:00)

-Conveners: Jiyuan Zhai

time	[id] title	presenter
13:30	[64] RF scenarios and parameters layout for FCC	SCHWERG, Nikolai
13:50	[65] Cavity design and beam-cavity interaction	BUTTERWORTH, Andy
14:10	[66] Beam Dynamics studies for FCC-ee	KARPOV, Ivan
14:30	[67] RF feedback design and performance	HOFLE, Wolfgang

RF: Review: Directions for R&D - “Tiergarten I-II-III” (15:30 - 17:00)

-Conveners: Samuel Elliott Posen

time	[id] title	presenter
15:30	[68] Nb/Cu perspectives for FCC	AULL, Sarah
15:50	[69] Innovative cryomodule designs	RIMMER, Robert Alan
16:10	[70] FPC challenges and perspectives for FCC	MONTESINOS, Eric
16:30	[71] High efficiency klystron technology	SYRATCHEV, Igor