

FCC Week 2017

Wednesday, May 31, 2017

Special technologies: Review: FCC-hh beam handling - "Tiergarten I-II-III" (1:30 PM - 3:00 PM)

-Conveners: Michael Kenneth Sullivan

time	[id] title	presenter
1:30 PM	[80] Beam transfer technology challenges, including dump and dilution system design	BARTMANN, Wolfgang
1:48 PM	[81] Collimators and dumps for FCC-hh	Dr GILARDONI, Simone
2:06 PM	[82] Design studies for the FCC-hh beam dump	LECHNER, Anton
2:24 PM	[83] Hydrodynamic tunneling studies for a water beam dump	TAHIR, Naeem Ahmad
2:42 PM	[297] Magnetic core and semiconductor switch characterisation for an Inductive Adder kicker generator	WOOG, David

Special technologies: Review: Recent designs and progress - "Tiergarten I-II-III" (3:30 PM - 5:00 PM)

-Conveners: Sara Casalbuoni

time	[id] title	presenter
3:30 PM	[84] Progress with the cryogenic vacuum system of FCC-hh	PEREZ, Francis
3:50 PM	[85] Proposal and simulation of the FCC-ee vacuum system	KERSEVAN, Roberto
4:10 PM	[86] Summary of the requirements the FCC-hh and FCC e+e- beam instrumentation	SCHMICKLER, Hermann
4:30 PM	[87] Status overview of the radiation hardness assurance studies for FCC	GARCIA ALIA, Ruben

Thursday, June 1, 2017

Special technologies: Beam vacuum - "Tiergarten I-II-III" (8:30 AM - 10:00 AM)

-Conveners: Francis Perez

time	[id] title	presenter
8:30 AM	[88] Test of FCC-hh beam screens at the ANKA beamline	GONZALEZ GOMEZ, Luis Antonio
8:48 AM	[89] Photon tracing and gas-density profile in the FCC-hh	BELLAFONT, Ignasi
9:06 AM	[90] Thermo-mechanical simulation of the FCC-hh beam screen during magnet quench	FERNANDEZ TOPHAM, Javier
9:24 AM	[91] Cold plasma spray application in the FCC	GARION, Cedric
9:42 AM	[92] Vacuum characterisation of 3D printed metals	GARGIULO, Julien

Special technologies: Other directions for technology R&D - "Tiergarten I-II-III" (10:30 AM - 12:00 PM)

-Conveners: Alexander Ryazanov

time	[id] title	presenter
10:30 AM	[93] Shape memory alloys for remote connection of beam pipes in radioactive areas	NICCOLI, Fabrizio
10:50 AM	[94] High field normal conducting massless septa for FCC beam transfer	SANZ ULL, Alejandro
11:10 AM	[95] FLUKA Montecarlo modelling of the FCC arc cell: radiation environment and energy deposition due to beam-gas interactions	Dr INFANTINO, Angelo
11:30 AM	[96] Reflectivity and Photo Yield measurements of technical surfaces.	LA FRANCESCA, Eliana

Special technologies: Other magnets - "Tiergarten I-II-III" (1:30 PM - 3:00 PM)

-Conveners: Egbert Fischer

time	[id] title	presenter
1:30 PM	[97] Design status for a high field superconducting septum magnet	SUGITA, Kei
1:48 PM	[98] First experimental results with a superconducting shield (SuShi) septum prototype	Dr BARNA, Daniel
2:06 PM	[99] Design of 6 T superconducting dipole for SPS upgrade	Prof. KOVALENKO, Alexander
2:24 PM	[100] FCC-ee Warm magnets design	MILANESE, Attilio