

FCC Week 2023

Wednesday 7 June 2023

Technology R&D - Cromwell 3+4 (08:30 - 10:00)

-Conveners: Bernhard Auchmann

time	[id] title	presenter
08:30	[263] Status of the FCC-ee booster and collider magnet developments	JAERMYR ERIKSSON, Carl BAUCHE, Jeremie VON FREEDEN, Luke SAEIDI, farhad
09:10	[273] The FCC-ee HTS4 project: study of superconducting short straight sections for FCC-ee	KORATZINOS, m
09:35	[275] Brookhaven National Lab magnet capabilities and projects	AMM, Kathleen

Technology R&D: SRF directions for R&D - Cromwell 3+4 (13:30 - 15:00)

-Conveners: Ursula Helga Van Rienen

time	[id] title	presenter
13:30	[319] The SRF system options for FCC-ee	PEAUGER, Franck
13:35	[320] SRF perspectives in UK	Dr MALYSHEV, Oleg
13:53	[321] SRF studies at JLAB	VALENTE-FELICIANO, Anne-Marie
14:11	[323] Review of cavities developments towards FCC	MIYAZAKI, Akira
14:29	[266] R&D towards an 800 MHz cryomodule	POSEN, Sam

Thursday 8 June 2023

Technology R&D: SRF Technology (I) - Kensington Suite (08:30 - 10:00)

-Conveners: Oleg Malyshev

time	[id] title	presenter
08:30	[336] Common RF system for the ZH option + RF frequ. consideration	VANEL, Alice Lucie
08:48	[337] 1-cell and 2-cell 400 MHz cavity RF designs for FCC_ee	GORGI ZADEH, Shahnam
09:06	[338] Alternative 800 MHz cavity RF design for FCC_ee	Mr UDONGWO, Sosoho-Abasi
09:24	[272] Engineering developments toward seamless substrates	SWIESZEK, Joanna Sylwia DEMAZIERE, Thomas
09:42	[339] Nb coatings, from 1.3GHz to 400MHz	PEREIRA CARLOS, Carlota

Technology R&D: SRF Technology (II) - Kensington Suite (10:30 - 12:00)

-Conveners: Anne-Marie Valente-Feliciano

time	[id] title	presenter
10:30	[400] WOW cavity progress and status	MANKE, Fabian
10:48	[345] SWELL progress and status	PEAUGER, Franck TIMMINS, Marc
11:06	[264] Final SWELL mock-up cooling test results	Dr KOETTIG, Torsten
11:24	[309] The FCC-ee SRF system, machine layouts and cryomodules	PARMA, Vittorio
11:42	[322] New SRF Facility at CERN	SMEKENS, David

Technology R&D - Cromwell 3+4 (13:30 - 15:00)

-Conveners: Toms Torims

time	[id] title	presenter
13:30	[249] Arc half-cell configuration and mock-up	CARRA, Federico
13:50	[334] Update on vacuum technologies R&D	RORISON, Sam
14:10	[335] X-ray beam profile monitor	SIANO, Mirko
14:25	[277] Investigating next generation of accelerators : the KITTEN test facility for sustainable research infrastructures	Prof. DE CARNE, Giovanni
14:45	[262] Digital twins: current activities in Mechanical and Materials Engineering group at CERN and perspectives for FCC-ee	BAUDIN, Lucie

Technology R&D - Cromwell 3+4 (15:30 - 17:00)

-Conveners: m Koratzinos

time	[id] title	presenter
15:30	[251] The FCC-ee alignment: questions, answers and challenges	WATRELOT, Leonard
15:50	[267] The availability challenge: targets, shortfalls and game-changing opportunities	HERON, John W.
16:10	[270] Robotics for accelerator maintenance	Dr DI CASTRO, Mario