

CERN & J-PARC/KEK high power beam workshop

Friday, 11 October 2024

Session: #1 - 2F meeting room (10:00 - 12:30)

-Conveners: Taku Ishida; Yoichi Sato

time	[id] title	presenter
10:00	[6] Resonance correction and optical adjustments aimed at reducing beam loss in FX at J-PARC	YASUI, Takaaki
10:15	[9] J-PARC proton beam irradiation facility	MEIGO, Shin-ichiro
10:35	[7] The RadMon system at CERN	DANZECA, Salvatore
10:55	[8] RADMON related activities at J-PARC	OHMORI, Chihiro
11:15	Break	
11:40	[10] Beam monitor (BLM, profile monitor, BPM processing) at J-PARC	SATO, Kenichiro
11:55	[11] BIF at neutrino beamline	FRIEND, Megan
12:10	[12] BI @ 2nd Workshop for CERN/JPARC-KEK collaboration	GILARDONI, Simone

Session: #2 - 2F meeting room (14:00 - 19:30)

-Conveners: Ryotaro Muto; Tetsuro Sekiguchi; Simone Gilardoni

time	[id] title	presenter
14:00	[13] J-PARC neutrino beamline super-conducting magnet radiation hard diode	SASAKI, Ken-ichi
14:15	[14] RaDIATE collaboration and AD target collaboration	MAKIMURA, Shunsuke
14:30	[15] Bent Silicon Crystal Application at CERN (remote)	SALVATORE ESPOSITO, Luigi
14:50	Break	
15:10	[17] RF fundamental Power Couplers, Ti metalisation at J-PARC	MORISHITA, Takatoshi
15:25	[18] Radiation hard amplifiers at CERN (remote)	GEMMI, Giulia
15:45	[19] High Frequency FINEMET cavity developments	OHMORI, Chihiro
16:05	Break	
16:30	[20] RF (amplifier, LLRF etc) at J-PARC	TAMURA, Fumihiko
16:50	[21] HL-LHC high-power RF system at CERN (remote)	CIPOLLA, Gino
17:10	[22] SRF cavities at CERN (remote)	VENTURINI, Walter
17:30	[23] Copper full-seamless substrate cavity manufactured by hydroforming	YAMANAKA, Masashi

Saturday, 12 October 2024

Session: #3 - 2F meeting room (09:00 - 11:50)

-Conveners: Takeshi Nakadaira; Hltoshi Takahashi

time	[id] title	presenter
09:00	[24] Fast extraction and Eddy current fast pulsed septum at J-PARC	ISHII, Koji
09:15	[25] Slow extraction R&D at CERN	ALEXANDER FRASER, Matthew
09:35	[26] Slow extraction (major challenges and prospects) at J-PARC	MUTO, Ryotaro
09:55	Break	
10:20	[28] J-PARC neutrino beamline horn	SEKIGUCHI, Tetsuro
10:40	[29] J-PARC HD dump	AGARI, Keizo
11:00	[30] CERN's Beam Intercepting Devices: status, challenges and potential links with JPARC developments	CALVIANI, Marco
11:35	[31] MR abort dump upgrade	SHIRAKATA, Masashi

Session: #4 - 2F meeting room (13:20 - 17:00)

-Conveners: Marco Calviani; Tsunayuki Matsubara

time	[id] title	presenter
13:20	[32] Beam Dump Facility at CERN and Targetry Technologies	XIMENES, Rui
13:40	[33] J-PARC hadron production target	WATANABE, Hiroaki
14:00	[34] High pressure he cooling	MATSUBARA, Tsunayuki
14:20	Break	
14:50	[36] New MC code, Xsuite overview (remote)	SALVATORE ESPOSITO, Luigi
15:10	[35] POPS technology at CERN (remote)	BOATTINI, Fulvio
15:30	[39] Power Converters for Energy Savings: East Area and North Area Consolidation (remote)	JOSIFOVIC, Ivan
15:50	[37] CERN accelerator complex renovation plan (including Energy saving) + Infrastructure (e.g. aging monitoring etc.) including NA	GILARDONI, Simone
16:10	[40] Low-Energy hadron beamline at CERN H2 beamline	SAKASHITA, Ken
16:20	[38] Workshop summary	SAKASHITA, Ken GILARDONI, Simone