

12th MT ARD ST3 Meeting 2024 in Darmstadt 3 to 5 July

Thursday 4 July 2024

Session 2: Beam Diagnostics: Talks - Raum Berlin (14:40 - 16:00)

-Conveners: Thomas Sieber

time	[id] title	presenter
14:40	[49] A Profile monitor based on single fluorescence photon detection for electrons and ions	FORCK, Peter
15:00	[43] Wakefield-based bunch duration diagnostics with dielectric capillaries at ARES for the TWAC project	KELLERMEIER, Max VINATIER, Thomas
15:20	[69] First Measurements of a Demonstrator for the Electro-Optical Bunch Arrival-Time Monitor with PCB-based Pickups	SCHEIBLE, Bernhard
15:40	[20] Single-shot diagnostics for electron beam dynamics - challenges and opportunities	NIEHUES, Gudrun

Session 2: Beam Diagnostics: Speed Talks and Posters - Raum Berlin and Terrasse for posters (16:10 - 18:10)

-Conveners: Peter Forck

time	[id] title	presenter
16:10	[40] 4D Transverse phase space characterization at PITZ via virtual pepper pot	AFTAB, Namra
16:13	[59] Characterization of low-light cameras for beam diagnostics	BAUER, Leonie
16:16	[64] Latest Developements Digital Boards from DESY	BOGHRATI, Behzad
16:19	[63] DESY DAMC-DS5014DR	BOGHRATI, Behzad
16:22	[53] Axial Double core CCC for FAIR	CRESCIMBENI, Lorenzo
16:25	[58] Report on latest developments of electro-optic pulse shape measurements at European XFEL and FLASH	CZWALINNA, Marie Kristin
16:28	[66] Effect of surface roughness on optical transition radiation characteristics of a 10 keV electron beam	GHAGI, Rupeshkumar
16:31	[70] Simulations and measurement results of a radially coupled fast faraday cup with increased signal strength	KLAPROTH, Stephan
16:34	[42] Commissioning and Experiments with a Compact Transverse Deflecting System at FLUTE	NABINGER, Matthias
16:37	[72] Implementing bunch-by-bunch diagnostics at the KARA booster synchrotron	NOLL, Marvin
16:40	[67] Electro-optical spectral Decoding of THz Pulses at MHz Repetition Rates	PATIL, Meghana
16:43	[71] Simulations of an electro-optical in-vacuum bunch profile monitor and measurements at KARA for use in the FCC-ee	REISSIG, Micha
16:46	[54] Ultra-Wide Band Intermediate Frequency Response of GaAs-Based THz Detectors with ps-scale THz Pulse Resolution	YADAV, Rahul
16:50	[48] Discussion at posters	