10th MT ARD ST3 Meeting 2022 in Berlin

Thursday 8 September 2022

Session 2: Beam Diagnostics: Talks - **Hörsaal 14.51-3147 (09:00 - 10:20)**

   -Conveners: Pavel Evtushenko

time	[id] title	presenter
09:00	[179] Demonstration of nA current resolution of the Cyogenic Current Comparator	CRESCIMBENI, Lorenzo
09:20	[112] Distributed Acoustic Sensing for monitoring seismic and acoustic pertubation on accelerators	HOFFMANN, Markus
09:40	[131] Ultra-fast line-camera KALYPSO for electron beam diagnostics	PATIL, Meghana Mahaveer
10:00	[115] Implementation and first test results of the STRIDENAS beam profile monitor	JASTER-MERZ, Sonja Meike

Session 2: Beam Diagnostics: Speed Talks - **Hörsaal 14.51-3147 (10:20 - 10:53)**

   -Conveners: Peter Forck

time	[id] title	presenter
10:20	[114] 4D tomography measurements and 5D simulations at ARES	JASTER-MERZ, Sonja Meike
10:23	[126] Electro-Optical Diagnostics at KARA	NIEHUES, Gudrun
10:26	[129] Development of an electro-optical longitudinal bunch profile monitor at KARA towards a beam diagnostics tool for FCC-ee	REISSIG, Micha
10:29	[116] THz spectrometer using diffraction radation for parasitic current profile measurements at European XFEL	LOCKMANN, Nils Maris
10:32	[181] Towards direct detection of the shape of CSR pulses with fast THz detectors	STEINMANN, Johannes
10:35	[132] Towards the Detection and Monitoring of Ageing Precursors on the XFEL Machine Beam Control Hardware	LANZIERI, Leandro
10:38	[175] KINGFISHER: A Framework for Fast Machine Learning Inference for Autonomous Accelerator Systems	SCOMPARIN, Luca
10:41	[134] Ultra-fast Longitudinal Bunch Diagnostic at the KARA Booster Synchrotron	NOLL, Marvin
10:44	[186] FLASHlab@PITZ: Preparations for First Beam Experiments on FLASH Radiation Therapy at PITZ	STEPHAN, Frank
10:47	[183] Experimental Slice Emittance Reduction at PITZ using Laser Pulse Shaping	NIEMCZYK, Raffael
10:50	[190] Laser arrival time monitor for FELs	CALENDRON, Anne-Laure

Session 2: Beam Diagnostics: Posters - **Foyer (11:03 - 12:33)**

   -Conveners: Peter Forck