

13th MT ARD ST3 Meeting 2025 bei DESY in Zeuthen

Thursday 26 June 2025

Beam Diagnostics: Beam diagnostics Talks - Seminar Room 1-3 (09:00 - 10:20)

time	[id] title	presenter
09:00	[5] Terahertz streaking detection for longitudinal bunch diagnostics at FLUTE	NABINGER, Matthias
09:20	[14] Ultra-broadband Direct THz Detectors for Longitudinal Beam Diagnostics	YADAV, Rahul
09:40	[44] Bunch shape and longitudinal measurements for non-relativistic beams at GSI LINAC	SCHMIDT, Nimue

Beam Diagnostics: Beam diagnostics Speed Talks - Seminar Room 1-3 (10:20 - 11:03)

time	[id] title	presenter
10:20	[10] Virtual diagnostics for X-ray pulse characterization	JAFARINIA, Farzad
10:23	[21] Cryogenic Current Comparators – from Lab to Beamlines	TYMPEL, Volker
10:26	[28] Overview of THz diagnostics at PITZ	AFTAB, Namra
10:29	[47] Measurements of the transverse emittance for 200 pC bunch charge at the ELBE SRF Gun	NIEMCZYK, Raffael
10:32	[48] Preparation for an electron diffraction demonstration at the ELBE SRF Gun	STEIN, Louis
10:35	[51] Design of the next PCB-based BAM Demonstrator for ELBE	SCHEIBLE, Bernhard Erich Juergen
10:38	[52] Temporal Resolution Analysis of the β -Dependency of Radially Coupled FFC Designs	KLAPROTH, Stephan
10:41	[53] Latest Advancements of a Compact Electro-optical Bunch Length Detector	CZWALINNA, Marie Kristin
10:44	[54] Femtosecond Radiative Longitudinal Diagnostic Techniques Employed at ARES	STACEY, Blae
10:47	[57] First prototype measurements with an electro-optical bunch profile monitor for FCC-ee	REISSIG, Micha
10:50	[58] High-reliability bunch arrival time monitor with fs precision	KRAL, Jiri
10:53	[63] Time-resolved measurements of transverse beam excitation in an electron storage ring	NOLL, Marvin
10:56	[65] Beam Diagnostics for Measurement of longitudinal Beam Properties at UNILAC	SIEBER, Thomas
11:00	[66] High-power laser system synchronization optimization	SALMAN, Mohammed

Beam Diagnostics: Beam diagnostics Poster Session - Seminar Room 1-3 (11:10 - 11:55)