

10th MT ARD ST3 Meeting 2022 in Berlin

Friday 9 September 2022

Session 4: Beam Dynamics: Talks - Hörsaal 14.51-3147 (09:00 - 10:20)

-Conveners: Erik Bruendermann

time	[id] title	presenter
09:00	[194] Ultra-short pulses and low jitter for time-resolved experiments at the SRF photoinjector of SEALAB	ALBERDI ESUAIN, Beñat
09:20	[149] High-resolution 2D streak camera investigations: Injection dynamics at BESSY II	SCHIWIETZ, Gregor
09:40	[133] Alternating Phase Focusing Beam Dynamics for Drift Tube Linacs	LAUBER, Simon
10:00	[151] Energy compressor for PWA Injector PETRA IV	ANTIPOV, Sergey

Session 4: Beam Dynamics: Speed Talks - Hörsaal 14.51-3147 (10:20 - 10:50)

-Conveners: Michael Kuntzsch

time	[id] title	presenter
10:20	[128] THz@PITZ: First Commissioning Results	BOONPORNPRASERT, Prach
10:23	[124] Bayesian optimization of simulated THz radiation at FLUTE	XU, Chenran
10:26	[118] Predicting the transverse emittance of space charge dominated beams using the phase advance scan technique and a fully connected neural network	Dr MAYET, Frank
10:29	[173] Observations of Effects on Beam Dynamics at Negative Momentum Compaction Factors	SCHREIBER, Patrick
10:32	[123] Simulation of the effect of corrugated structures on the longitudinal beam dynamics at KARA	Mr MAIER, Sebastian
10:35	[122] Bunch compressor commissioning at ARES	KUROPKA, Willi
10:38	[174] Development of a transferline for LPA-generated electron bunches to a compact storage ring	HAERER, Bastian
10:41	[184] Variable RF Parameters along European XFEL Bunch Trains	BEUTNER, Bolko
10:44	[189] Gun5.1 at PITZ: RF conditioning and first characterization	KRASILNIKOV, Mikhail
10:47	[191] Ocean wave impacting arrival time stability at EuXFEL	Dr CZWALINNA, Marie Kristin

Session 4: Beam Dynamics: Posters - Foyer (11:00 - 12:30)

-Conveners: Michael Kuntzsch