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

Friday 5 July 2024

Session 3: Controls/Seeding/DAQ - Raum Berlin (08:30 - 09:50)

-Conveners: Andrea Santamaria Garcia

time	[id] title	presenter
08:30	[36] Real-time Reinforcement Learning on FPGA with Online Training for Autonomous Accelerators	SCOMPARIN, Luca
08:50	[35] Cut-edge RF Oscillators for Accelerator Facilities, Future Perspectives	LUDWIG, Frank
09:10	[37] XUV FEL oscillator experiment at FLASH	ASATRIAN, Margarit
09:30	[57] Slow extraction improvements with novel methods at GSI	NIEDERMAYER, Philipp

Session 3: Controls/Seeding/DAQ: Speed Talks and Posters - Raum Berlin and Terrasse for posters (10:00 - 12:10)

-Conveners: Florian Burkart

time	[id] title	presenter
10:00	[39] Wake Up and Dance! - A Report on the Progress of the ChimeraTK Framework	GEORG, Jens
10:03	[62] Continuous-Wave Piezo-to-RF System Identification	HERRMANN, Max
10:06	[52] Reinforcement Learning for Intensity Tuning at Large FEL Facilities	KAISER, Jan
10:09	[51] Towards Natural Language-driven Autonomous Particle Accelerator Tuning	KAISER, Jan
10:12	[74] Status of the FLUTE RF system upgrade	MALYGIN, Anton
10:15	[61] Status of the MicroTCA.4-based LLRF control system at TARLA	NONN, Patrick
10:18	[73] An open source FPGA firmware framework (FWK) by DESY	OMIDSAJEDI, Seyed Nima
10:21	[55] Stability and limitations of the EuXFEL 3rd harmonic cryomodule in CW and LP operation	RICHTER, Bozo
10:24	[44] Laser Pulse Arrival Time Measurements for User Experiments at FLASH and EuXFEL	SCHWICKERT, David
10:27	[56] Influence of environmental parameters on calibration drift in superconducting RF cavities	SUN, Yue
10:45	[47] Discussion at posters	