

AWANOW: Argonne Wakefield Accelerator Needs and Opportunity Workshop

Thursday, 10 August 2023

Session 3: Beam Dynamics and Diagnostics: Session 3: Beam Dynamics and Disgnostics - Virtual Meeting (15:00 - 17:10)

time	[id] title	presenter
15:00	[3] Overview	PIOT, Philippe
	- [1] Overview	PIOT, Philippe
15:10	[20] Machine Learning for Autonomous Accelerator Control and Phase Space Reconstructions	ROUSSEL, Ryan
15:30	[22] 'Development of a Damping-Ring-Free Electron Injector for Future Linear Colliders	XU, Tianzhe
15:50	[24] Arbitrary Transverse Correlation Generation using Transverse Wigglers	HA, Gwanghui
16:10	[35] Electron Brachytherapy	FREEMIRE, Ben
16:30	[33] Shaped bunch for VHEE Flash	LIU, Chenguang
16:50	[25] Beam Halo Measurement	KUZIKOV, Sergey

Friday, 11 August 2023

Session 3: Beam Dynamics and Diagnostics: Session 3: Beam Dynamics and Disgnostics - Virtual Meeting (09:00 - 10:00)

time	[id] title	presenter
09:00	[41] Potential Implementation of a Dogleg Bunch Compressor with Linearization Optics in Argonne Wakefield Accelerator Facility	TENG, Shanyou
09:20	[23] Round to Flat and Flat to Round beam transformation	KIM, Seongyeol
09:40	[21] Model calibration	HEINEKAMP, Sebastian