

LEDS Workshop – Longitudinal Electron beam Dynamics for coherent light Sources

Wednesday, October 4, 2023

Diagnostics of microbunching and beam manipulation: Chair, Mikhail Krasilnikov (DESY Zeuthen) (2:00 PM - 3:00 PM)

time	[id] title	presenter
2:00 PM	[18] Widely tunable electron bunch trains for the generation of high-power narrowband 1–10 THz radiation	YAN, Lixin
2:30 PM	[19] Compact and versatile infrared spectrometer for microbunching detection	SPEZZANI, Carlo

Diagnostics of microbunching and beam manipulation: Chair, Atoosa Meseck (JGU Mainz, HZB) (3:40 PM - 5:10 PM)

time	[id] title	presenter
3:40 PM	[20] Electron beam manipulation using self-induced fields	DIJKSTAL, Philipp
4:10 PM	[30] Self-locked time-resolved measurements with a passive streaker	MALYZHENKOV, Alexander
4:40 PM	[21] State-of-the-art transverse deflecting cavities	CRAIEVICH, Paolo