

LEDS Workshop – Longitudinal Electron beam Dynamics for coherent light Sources

Thursday, October 5, 2023

Magnetic lattices: Chair, Philipp Amstutz (DESY) (8:30 AM - 9:30 AM)

time	[id] title	presenter
8:30 AM	[22] Experience with magnetic linearization, longitudinal jitters and outlook to HB-SASE	THORIN, Sara
9:00 AM	[23] Bunch compression for FELs – Chicanes or Arcs?	WILLIAMS, Peter

Magnetic lattices: Chair, Simone Di Mitri (Elettra) (10:10 AM - 11:40 AM)

time	[id] title	presenter
10:10 AM	[35] Coherent synchrotron radiation and microbunching instability at FERMI	BRYNES, Alexander Darius
10:40 AM	[27] Laser heater for a multi-stage compressor superconducting FEL driver	AMSTUTZ, Philipp
11:10 AM	[25] Half-wavelength velocity bunching: non-adiabatic temporal focusing of charged particle beams	PEROSA, Giovanni