



# 8th MT Student Retreat

## Wednesday 28 September 2022

### Morning session - CFEL SR III (10:00 - 10:45)

-Conveners: Christina Schwemmbauer

time	[id] title	presenter
10:00	[40] Radiative particle-in-cell simulations of the beam hosing instability	LEBEDEV, Anton
10:15	[6] Low Gain Avalanche Diodes for Beam Monitoring and T0 Determination in HADES	KRÜGER, Wilhelm
10:30	[33] Particle identification with fast timing detectors at future Higgs factories	DUDAR, Bohdan

### Morning session - CFEL SR III (11:15 - 12:15)

-Conveners: Ulrich Einhaus

time	[id] title	presenter
11:15	[3] Exploring the dynamics of SSMB in a Proof-of-Principle experiment at the Metrology Light Source	KRUSCHINSKI, Arnold
11:30	[4] HTS undulators: status and test results of prototype coils for compact FELs	RICHTER, Sebastian
11:45	[5] Polarized Electron Beams from Laser Plasma Acceleration and Their Polarimetry	POPP, Jennifer
12:00	[37] Compton Polarimetry in the hard x-ray regime	MIDDENTS, Wilko