

Session Program

14-16 Apr 2026



Workshop on Longitudinal Electron beam Dynamics for coherent light Sources 2026 (LEDs 2026)

Session 6

Helmholtz-Zentrum Berlin für Materialien und Energie GmbH/ BESSY II, Lecture Hall
Helmholtz-Zentrum Berlin für Materialien und Energie GmbH (HZB) Albert-Einstein-Straße 15 D-12489
Berlin

Wednesday 15 April

16:35

Session 6: Advanced electron beam manipulation

Session |

Location: Helmholtz-Zentrum Berlin für Materialien und Energie GmbH/ BESSY II, Lecture Hall, Helmholtz-Zentrum Berlin für Materialien und Energie GmbH (HZB) Albert-Einstein-Straße 15 D-12489 Berlin |

Convener: Paolo Craievich

16:40–17:05

Understanding energy spread evolution through modeling of collective beam dynamics

Speaker

Giovanni Perosa

17:05–17:30

Update on active energy compression of a laser-plasma electron beam

Speaker

Paul Winkler

17:30–17:55

Advanced longitudinal shaping and driver-witness selection for high brightness PWFA-driven FELs

Speaker

Cristina Vaccarezza

17:55–18:25

Round Table**Speaker**

Paolo Craievich

18:25