

Session Program

14-16 Apr 2026



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

Round Table

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

Thursday 16 April

10:35

Round Table: Longitudinal manipulation in Storage Ring Light Sources

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:** Pol Solans

10:35-11:00

Semi-analytical code for Transient Beam Loading effects in harmonic RF systems and their mitigation

Speaker

Ignasi Bellafont

11:00-11:25

Experience with normal conducting harmonic cavities at BESSY II

Speaker

Aleksandr Matveenko

11:25-11:50

Double- and Triple-RF systems for MAX4U and Commissioning of a 500 MHz Cavity for Bunch Lengthening using Two Higher RF Harmonics

Speaker

Murilo Barbosa Alves

11:50-12:15

Round Table

Speaker

Pol Solans

12:15