

# LEDS 2023

## Longitudinal Electron beam Dynamics for coherent light Sources

The workshop aims at collecting the most recent advancements in the controlled generation of high brightness electron beams from photo-injectors for coherent light sources. Open routes of research in the manipulation of modulated electron beams will be investigated. Future experiments, supported by specific technological developments, and their comparison with accurate massive simulations, will be proposed and discussed.

### Scientific Program Committee

S. Di Mitri (Elettra, Univ. of Trieste, chair)  
P. Craievich (PSI)  
G. D'Auria (Elettra)  
P. Evtushenko (HZDR)  
A. Ghigo (INFN-LNF)  
A. Giribono (INFN-LNF)  
A. Meseck (JGU Mainz, HZB)  
F. Nguyen (ENEA)  
S. Thorin (MAX IV)  
S. Werin (Univ. of Lund, MAX IV)  
P. Williams (STFC, Cockcroft Institute)

### Local Organizing Committee

Federico Nguyen (ENEA)  
Cristiana Roberti (Elettra)  
Stefano Deiuri (Elettra)  
Simone Di Mitri (Elettra)

Frascati, Italy  
3 – 5 October 2023  
<https://indico.elettra.eu/e/LEDS2023>



Elettra Sincrotrone Trieste

