

A remote connection will be organised

1st INFN Workshop on "High Power Lasers and their Applications" - HPLA2024

January 11 - 12, 2024

Laboratori Nazionali del Sud, Aula «Migneco»

TOPICS

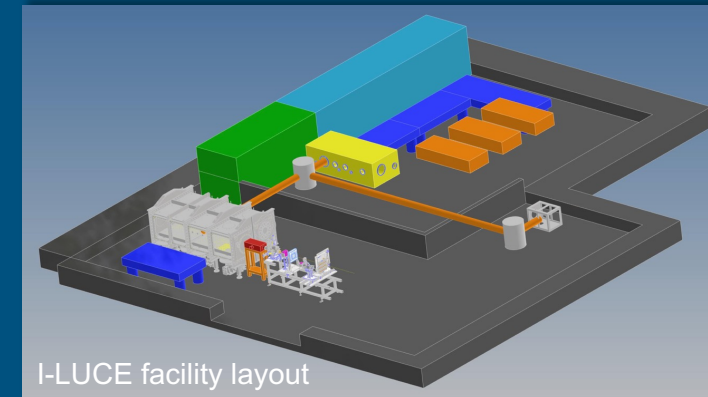
- High power laser technology
- Ions acceleration
- Electrons acceleration and gamma production
- Diagnostic for laser-driven radiation
- Nuclear physics in plasma
- Electromagnetic pulse and its mitigation
- Applications of high-power laser technology

SPEAKERS

- Pablo Cirrone (INFN-LNS, IT)
- Fabrizio Consoli (ENEA, IT)
- Gemma Costa (INFN-LNF, IT)
- Giacomo Cuttone (INFN-LNS, IT)
- Domenico Doria (ELI-NP, RO)
- Patrick Incorvaia (LIOP-TEC GmbH, DE)
- Daniele Margarone (ELI-Beamlines, CZ)
- Luca Labate (CNR-INO, IT)
- Dario Lattuada (Uni. Kore, IT)
- Tadzio Levato (TII, Abu Dhabi, UAE)
- David Mascali (INFN-LNS, IT)
- Giada Petringa (INFN-LNS, IT)
- Paolo Romano (CNR, IT)
- Paolo Tomassini (EL-NP, RO)
- Claudio Verona (Uni. Tor Vergata, IT)



Didactic seminars introducing high-power lasers and their use in radiation production, nuclear physics and applications.



This workshop is aimed at technicians, researchers and anyone interested in future laser activities at the I-LUCE facility

ORGANIZERS

Chair: G A Pablo Cirrone

Carmen Altana, Sahar Arjmand, Danilo Bonanno, Roberto Catalano, Giacomo Cuttone, Luca Guardo, Marco La Cognata, David Mascali, Giada Petringa, Jose Suarez, Alfio Pappalardo, Domenico Santonocito, Salvatore Tudisco

SECRETARY

Gaetano Agnello, Camilla di Mauro, Virginia Potenza

https://agenda.infn.it/e/I_INFN-LNS_Laser_workshop

