

Session Program

17-19 Nov 2025



2nd INFN School and Workshop on “High Power Lasers for Fundamental Science and Applications” (HPLA2025)

Scientific Session

Laboratori Nazionali del Sud - Istituto Nazionale di Fisica Nucleare , Aula "Migneco"
Via S. Sofia, 62, 95125 Catania CT, Italy

Monday 17 November

14:30

Scientific Session

Session |

Location: Laboratori Nazionali del Sud - Istituto Nazionale di Fisica Nucleare , Aula "Migneco", Via S. Sofia, 62, 95125 Catania CT, Italy

14:30-14:55

I-LUCE Facility Status

Speaker

Giuseppe Cirrone

14:55-15:20

Perspectives for the physics of nuclear decays in laser-generated vs ECR plasmas

Speaker

David Mascali

15:20-15:45

Neutron Production

Speaker

Luigi Cosentino

15:45-16:10

Stopping power in plasma

Speaker

Salvatore Tudisco

16:15

16:30

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16:35-17:00

Astrofisica Nucleare

Speaker

Dr Luca Guardo

17:00-17:25

Frascati

17:25-17:50

Milano

17:50-18:15

Tadzio TBD

18:15-18:40

ELIMAIA-ELIMED

Speaker

Dr Lorenzo Giufrida

18:40-19:05

New laser technologies and architectures for reliable operation of the laser-plasma accelerators

Speaker

Federico Canova

19:40

Tuesday 18 November

09:00

Scientific Session

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09:00–09:20 **ELI-ERIC**

Speaker

Dr Allen Weeks

09:20–09:40 **ELI-Beamlines**

Speaker

Dr Daniele Margarone

09:40–10:00 **Pulsed solenoid beam transport of ions and all related applications**

Speaker

Florian Kroll

10:00–10:20 **VHEE**

Speaker

Luca Labate

10:20–10:40 **ELI-NP activity**

Speaker

Paolo Tomassini

10:40–11:00 **Detectors**

Speaker

Dr Claudio Verona

11:00

11:20

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11:20–11:40 **Overview of PAL and ILE Activity**

Speaker

Dr Alessio Morace

11:40–12:00 **LOA Facility**

Speaker

Dr Alessandro Flacco

12:00–12:20 **EMP**

Speaker

Dr Fabrizio Consoli

12:20–12:40 **GIST Facility**

13:00

Speaker

Dr Hyung Taek KIM

12:40–13:00 Application at CoReLes

Speaker

Dr Mohammad Mirzaie

14:30

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14:30–14:50 Coil Target

Speaker

Satyabrata Kar

14:50–15:10 TBD at CNR

Speaker

Dr Lorenzo Manic

15:10–15:30 Radiobiology

Speaker

Dr Katalin Hideghéty

15:30–15:50

Laser-Plasma Experiments at the Centre for Advanced Laser Applications

Speaker

Dr Andreas Döpp

15:50–16:10 Electron Acceleration with gas jet

Speaker

Dr Gabriele Maria Grittani

16:10

Wednesday 19 November

09:30

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09:30–09:50

CLPU

Speaker

Dr Luca Volpe

09:50–10:10

TBD

Speaker

Marcin Rosinski

11:00

11:30

13:00

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