

## Session Program

17-19 Nov 2025



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

## *Diagnostic, Dosimetry and Radiobiology*

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

# Tuesday 18 November

15:00

## Diagnostic, Dosimetry and Radiobiology

**Session** |

**Location:** Laboratori Nazionali del Sud - Istituto Nazionale di Fisica Nucleare , Aula "Migneco", Via S. Sofia, 62,  
05127 Capriate St. Zeno (CR) Italy | Cirrone

15:00-15:20

### Advancing Radiobiology Research at Laser-Driven Radiation Sources

**Speaker**

Katalin Hideghéty

15:20-15:40

### Radiobiology with laser-driven, high energy, electron beams

**Speaker**

Alessandro Flacco

15:40-16:00

### Zebrafish (*Danio rerio*): a small preclinical model with great potential for radiobiological studies on FLASH effect understanding

**Speaker**

Giusi Irma Forte

16:00-16:20

### Radiobiology at ELI Beamlines

**Speaker**

Pavel Bláha

16:20

# Wednesday 19 November

11:20

## Diagnostic, Dosimetry and Radiobiology

**Session** |

**Location:** Laboratori Nazionali del Sud - Istituto Nazionale di Fisica Nucleare , Aula "Migneco", Via S. Sofia, 62,  
09126 Catania, Italy

11:20-11:40

### The ELIMAIA/ELIMED ion station at ELI-Beamlines for multidisciplinary applications

**Speaker**

Lorenzo Giuffrida

11:40-12:00

### Dosimetric measurements of proton beams at ELIMAIA-ELIMED facility and the new beamline @ I-LUCE

**Speaker**

Giada Petringa

12:00-12:20

### Spectroscopic ion diagnostics in experiments of high intensity laser matter interaction

**Speaker**

M. Alonzo

12:20