

## Session Program

17-19 Nov 2025



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

## *Nuclear Physics*

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

# Wednesday 19 November

09:30

## Nuclear Physics

**Session** |

**Location:** Laboratori Nazionali del Sud - Istituto Nazionale di Fisica Nucleare , Aula "Migneco", Via S. Sofia, 62, 01100 Caserta, Italy  
**Co-located:** CERN Academy | Tudisco

09:30-09:50

### Fusion energy research with high power lasers in Europe: from ELI to HiPER+

**Speaker**

Leonida Gizzi

09:50-10:10

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

**Speaker**

David Mascali

10:10-10:30

### Nuclear AstroPhysics via Coulomb Explosion Mechanism

**Speaker**

Giovanni Luca Guardo

10:30-10:50

### Possible Nuclear Physics applications of Laser-driven sources

**Speaker**

Vincent Lelasseux

10:50