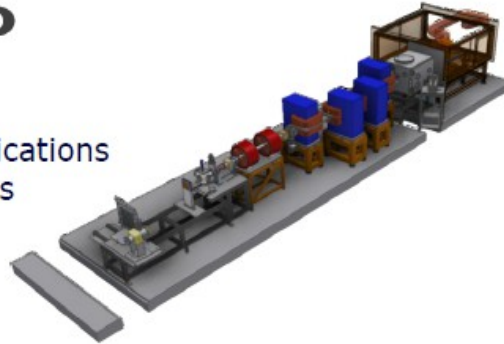


## The 3<sup>rd</sup> ELI MEDICAL and Multidisciplinary Applications of Laser-Driven Ion Beams at the ELI Beamlines

**7-9 September, 2016**  
**Catania, Italy**



### SCOPE

The **ELIMED** project aims to demonstrate the validity of new approaches based on laser-driven ion sources for potential future applications in medical and other multidisciplinary fields, including hadrontherapy. In 2018, a User-oriented beam-line, ELIMAIA (ELI Multidisciplinary Applications of laser-Ion Acceleration) equipped with diagnostics and dosimetry end-points will be commissioned at the ELI-Beamlines facility in the Czech Republic with the main goal to perform proof-of-principle experiments, dosimetry measurements and radiation biology investigations at high repetition rate. The main goal of the 3<sup>rd</sup> **ELIMED** workshop is to strengthen the collaboration among the international research groups involved in this challenging project and gather new ideas, proposals and additional requirements from a broad community of users coming from different fields (Physics, Biology, Medicine, Chemistry, Material Science, etc.) interested in exploiting the availability of non-conventional (laser-driven) ion beams at the ELI Beamlines.

### INTERNATIONAL SCIENTIFIC COMMITTEE

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### TOPICS

- Non-conventional Ion Acceleration Techniques
- New generation Ion Acceleration Beam-lines
- Radiation Biology and Medical Applications
- Multidisciplinary Applications
- Targetry, Diagnostics and Dosimetry

### IMPORTANT DATES

- April 1, 2016**  
First Announcement
- April 18, 2016**  
Online Registration Opens
- June 30, 2016**  
Early Bird Registration  
& Abstract Submission



### LOCATION

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