

INTERNATIONAL SUMMER SCHOOL ON PLASMA PHYSICS



Plasmas in Super-Intense Laser fields

Erice – Sicily
1-11 July 2022

The 9th Course 'Plasmas in Super-Intense Laser fields' will be held in Erice, Sicily, Italy, July 1-11 2022.

PROVISIONAL PROGRAM & SPEAKERS

- Stefano ATZENI, Univ. Rome, Italy
- Dimitri BATANI, Univ. Bordeaux, France
- Riccardo BETTI, Univ. Rochester, USA
- Vladimir TIKHONCHUK, Univ. Bordeaux
- Eric CORMIER, Univ. Bordeaux, France
- Victor MALKA, Weizmann Inst., Israel
- Matteo PASSONI, Politecnico Milan, Italy
- Manuel PERLADO, UPM Madrid, Spain
- Tony DONNÉ, EUROfusion
- Anabella ARAUDO, LUPM Montpellier, France
- Olga ROSMEJ, GSI, Darmstadt, Germany
- Arianna FORMENTI, Politecnico Milan, Italy
- Daniele MARGARONE, Queen's Belfast, UK

Basics of laser-plasma physics
Matter in extreme conditions
Inertial Confinement Fusion
Laser plasma interaction
Introduction to intense laser technology
Laser-driven electron acceleration
Laser-driven ion acceleration
Materials for Fusion
Advancements in Magnetic Fusion
Laboratory Astrophysics
X-rays for diagnostic of laser-matter interaction
Numerical Simulations for Plasmas
Laser-driven nuclear physics



INFORMATION

Directors: Dimitri Batani (Université Bordeaux), Matteo Passoni (Politecnico di Milano)

Fee: 1200 € (includes accommodation meals, social activities and local transport).

Scholarships for reimbursement of half fee available after selection.

Deadlines: May 10th to request scholarship; June 10th for application to the School.

For information write to supererice2022@gmail.com and look at the web site www.supererice.polimi.it