

INTERNATIONAL SUMMER SCHOOL ON PLASMA PHYSICS

COST Action MP1208

“Developing the physics and the
Scientific community for Inertial Fusion”

Atoms and Plasmas in Super-Intense Laser fields

Erice – Sicily
7-17 July 2017

WELCOME!

The 8th Course '**Atoms and Plasmas in Super-Intense Laser fields**' will be held in **Erice**, Sicily, Italy on July 7-17, 2017.



PRELIMINARY PROGRAM

- Basics of laser-plasma physics (LPP)
- Introduction to intense laser technology
- Atomic physics in strong laser fields
- Conventional inertial fusion (ICF)
- Laser-driven electron acceleration
- Laser-driven ion acceleration
- Warm Dense Matter
- Novel schemes of ICF
- Laboratory astrophysics
- Laser-driven radiation sources
- Diagnostics and materials for LPP
- Recent advances in magnetic fusion



PRELIMINARY INFORMATION

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

Fee: 1000 €. Reimbursement for full or half fee available & assigned after selection

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

