

COST Action MP1208
“Developing the physics and the
Scientific community for Inertial Fusion”

56th Course

Atoms and Plasmas in Super-Intense Laser fields

Erice-Sicily
12 – 22 July 2015



WELCOME!

The 56th Course 'Atoms and Plasmas in Super-Intense Laser fields' will be held in Erice, Sicily, Italy on July 12-22, 2015.

PRELIMINARY PROGRAM

- Basic intense 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 20th to request scholarship; June 10th for application to the School

