

WORKSHOP PROGRAM

Conference Room, CNR- Istituto per i Processi Chimico-Fisici

- 10:00 - 10:15 Workshop opening
- 10:15 - 11:00 *New mechanisms to enhance the photothermal response of optical nanoheaters*
Pablo Albella (Universidad de Cantabria, Santander, Spain)
- 11:00 - 11:20 Coffee break
- 11:20 - 11:55 *Astrophysics: Science of light*
Giuseppina Micela (INAF-Osservatorio Astronomico di Palermo)
- 11:55 - 12:30 *Plasmonic alloy nanoparticles: Synthesis, modelling, properties, and applications*
Vincenzo Amendola (Università di Padova)
- 12:30 - 13:05 *Advanced techniques of optical manipulation and their applications in biological systems*
Silvie Bernatova (Czech Academy of Sciences, Brno, Czech Republic)
- 13:05 - 13:15 Conclusions
- Lunch