



UNIVERSITÀ DI PISA

PPLA₂₀₁₉



Plasma Physics by Laser and Applications Pisa, October 29,30,31 - 2019



Agenzia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile



Istituto Nazionale di Fisica Nucleare

DIPARTIMENTO DI
MATEMATICA E FISICA
"ENNIO DE GIORGI"



It is a real pleasure to announce the 9th edition of the PPLA 2019 Conference. The conference will be held at the Physics Department of the Physics University of Pisa. The purpose of the conference is to bring together researchers involved in laser plasma interaction and related phenomena.

CHAIRS

Danilo Giulietti (Pisa University, IT)
Riccardo De Angelis (Pisa University, IT)
Vincenzo Nassisi (Salento University, IT)
Lorenzo Torrisi (Messina University, IT)

TOPICS

Laser-Matter interaction
Laser particle acceleration
Particle and radiation secondary sources
Physics of non-equilibrium plasmas
Theoretical models of laser plasmas
Photons and particles emission from pulsed plasmas
Ultra short pulse lasers
Pulsed Laser Deposition
Applications of laser beams and pulsed plasmas
Laser plasma diagnostics
Advanced targets
Laser plasmas for material analysis
Laboratory and nuclear astrophysics
Laser induced fusion, Laser plasma innovative X-ray sources
Laser employments in Biomaterials and Engineering
Channeling Phenomena in crystals and Laser Produced Plasmas



SCIENTIFIC COMMITTEE

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Reviewed proceedings will be published in Journal of Instrumentation

<https://sites.google.com/a/unipi.it/ppla-2019/home>