



Latest Advances in Applications of Laser-Matter Interactions

Guest Editor:

Dr. Hugo Terças

Instituto Superior Tecnico,
University of Lisbon, 1049-001
Lisboa, Portugal

Deadline for manuscript
submissions:

closed (20 November 2022)

Message from the Guest Editor

Dear Colleagues,

A huge number of scientific papers have been devoted to the investigation of different kinds of laser-matter interaction processes. This Special Issue focuses on the most recent advances and applications in the study of laser-matter interaction processes, such as laser-induced damage, plasma formation, phase transitions, micro- and macro-processing, laser-induced chemical reactions at gas-solid and liquid-solid interfaces, etc. Researchers are invited to submit their contributions to this Special Issue. Topics include, but are not limited to:

- Exciton-polaritons in micro-cavities.
- Quantum fluids of light.
- Terahertz generation and detection.
- Radiation processes in solid-state plasmas.
- Optical response of metamaterials.

Dr. Hugo Terças

Guest Editor

