

Posters ECLIM 2016. Monday

- P.M-1. S. Arjmand. Characterization of Hot Electrons and Parametric Instabilities relevant to an experiment on PALS
- P.M-2. A. Lebo. On the possibility of spontaneous magnetic field observation in turbulent laser plasma
- P.M-3. A.A. Fronya. Optical harmonics generation in the plasma formed at the target irradiation by the laser with a controllable coherence
- P.M-4. A.S. Orekhov. Distribution function evolution of electrons stochastically heated by picosecond laser pulse
- P.M-5. M. Cutroneo. An overview of laser ion implantation measurements using different approaches and laser systems
- P.M-6. D.A. Krestovskikh. Optical diagnostics of high power laser produced dense plasma
- P.M-7. J. Limpouch. Numerical modeling of laser interactions with low-density porous targets
- P.M-8. S.A. Karpov. Nonthermal tails of electron distribution function in nonlocal heat wave
- P.M-9. I.K. Krasnyuk. The study of the physical properties of the synthetic diamond and graphite under the nano- and picosecond laser action
- P.M-10. I.K. Krasnyuk. The characteristics of laser ablative pressure on the surface of metal targets
- P.M-11. M.A. Dubatkov. Femtosecond laser produced plasma source utilizing melted metal target for X-ray imaging
- P.M-12. I.M. Mordvintsev. Comparative study of front surface ion acceleration in relativistic femtosecond laser-plasma interaction
- P.M-13. N.V. Zhidkov. The investigation of flow hydrodynamics due to the shock wave interaction with 2D density perturbations at “Iskra-5”
- P.M-14. R. Ondarza-Rovira. Radiation reaction effects of electrons in relativistic laser fields
- P.M-15. S.G. Bezhanov. Drag current as a source of THz radiation generation on metal surfaces
- P.M-16. S.A. Uryupin. Terahertz waves generation under exposure of a conductor by focused laser pulse
- P.M-17. T. Chodukowski. Investigation of laser energy transport to a massive planar targets for different irradiation conditions by the polaro-interferometric method
- P.M-18. T. Asavei. Materials in Extreme Environments at ELI-NP
- P.M-19. V.E. Grishkov. Nonlinear currents in the plasma interacting with a short laser pulse
- P.M-20. Yu.K. Kurilenkov. Scaling relations for neutron yields in the plasma with inertial electrostatic confinement
- P.M-21. Z. Kalinowska. Interferometric investigations of space-time protons density distributions in ablative plasma generated during interaction of laser beam with a hydrogen ice target
- P.M-22. Yu.V. Senatsky. Transmittance in a thin aluminum layer at nanosecond pulsed laser ablation
- P.M-23. R.J. Garland. Analysis Of The Fast Electron Scaling Theory For The Heating Of A Solid Target
- P.M-24. K.A. Ivanov. Ionizing Transient Effects under Femtosecond X-ray Plasma Source and Nanosecond Ionizing Impulses
- P.M-25. B. Lakatos. Measurements of target recoil momentum in laser-produced plasmas with ballistic pendulum

- P.M-26. A. Sunahara. Generation of Magnetized Plasma by Ultra-intense laser Irradiation on Shell Inner Surface for Fast Ignition scheme
- P.M-27. G.V. Dolgoleva. The modeling of thermonuclear target compression at laser energy 1 MJ
- P.M-28. M. Hata. Influence of strong external magnetic fields on laser-plasma-interactions and characteristics of the generated fast electrons
- P.M-29. X. Vaisseau. Collimated propagation in high-resistivity carbon of fast electron beams
- P.M-30. H. Hora. Nonideal plasma at elastic nuclear collisions for avalanche boron fusion
- P.M-31. M. Rosinski. Ion and proton emission from targets of different thickness irradiated by femtosecond laser pulses
- P.M-32. S.V. Kuznetsov. Electron bunches generation during the laser pulse interaction with inhomogeneous plasma
- P.M-33. A.V. Mikhaylyuk. Line-imaging VISAR for Laser-Driven Equations of State Experiments
- P.M-34. Will be presented on Thursday
- P.M-35. J. Wang. High-energy-density electron beam from interaction of two successive laser pulses with subcritical-density plasma