

Ukrainian Group

We prepared and sent 9 abstracts to the IPAC 26 conference:

- Hose instability suppression by bunch anharmonic oscillations in weakly non-linear regime in wakefield accelerator
- Electron Acceleration by a Wakefield Excited in Plasma by a Profiled Train of Bunches Under Conditions of Their Greatest Stability and a Plateau on the Wakefield
- Suppression of bunch destruction under resonant excitation of the wakefield
- Laser Pulse Propagation in Cone-like Plasma Channel with Non-uniform Electron Density
- Effect of laser pulse power change on wake bubble size and accelerated electron bunch parameters during LWFA in a conical plasma channel
- Numerical Simulation and Analytical Study of Highly Efficient Plasma Wakefield Injector Scheme
- Stability Optimization of Electron Witness-Bunch Properties through Wakefield Plateau Formation
- Numerical Simulation of Advantages of Laser Wakefield Acceleration in Conical Plasma Channel
- Conical Plasma Channels as an Alternative to Cylindrical Ones for the Laser Wakefield Acceleration of Externally Injected Electron Bunches

