

Laboratory of Nonlinear and Fiber optics
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Research Topics:

Linear regime of propagation of laser pulses in air

Nonlinear regime of propagation of laser pulses

Filamentation in air

Generation of GHz radiation from single filament in air

Generation of THz radiation from single filament in silica

Parametric solitons in fibers and free space

Interaction and exchange of energy between filaments

Ionization-free filamentation

Pulse propagation in Heisenberg-Euler nonlinear vacuum

Nonlinear field theory

Comments :

Staff: 5 members

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Research Topics:

Mobile Propagation

Satellite Propagation

Ionospheric Propagation

Digital Video Broadcasting

Free-Space Optical Propagation

Comments :

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