



Contribution ID: 12

Type: poster

The Three-dimensional Carrier-envelope-phase Map of Focused Few-cycle Pulsed Gaussian Beams

Monday 1 July 2019 18:15 (2 hours)

We derive an analytical expression for the complete three-dimensional carrier-envelope-phase (CEP) distribution in the focal volume of ultrashort pulsed beams. We show how to tailor the CEP map of mirror-focused and lens-focused few-cycle pulses practically.

Authors: Dr PORRAS, Miguel A. (Universidad Politecnica de Madrid); Dr HORVATH, Zoltan L. (University of Szeged); Dr MAJOR, Balázs (ELI-ALPS, ELI-HU Non-Profit Ltd., University of Szeged)

Presenter: Dr MAJOR, Balázs (ELI-ALPS, ELI-HU Non-Profit Ltd., University of Szeged)

Session Classification: Poster session 1