Contribution ID: **137** Type: **poster**

Microscopic Analysis of the Intensity and Wavelength Dependence of Quantum Path Interferences in High-order Harmonic Generation

Monday 1 July 2019 18:15 (2 hours)

The complex behaviour of the harmonic yield radiated by a single noble gas atom via high-harmonic generation process is investigated as a function of the wavelength, as well as the peak intensity of the fundamental driving field.

Authors: CSIZMADIA, Tamás (ELI-ALPS, ELI-HU Non-Profit Ltd.); GULYÁS OLDAL, Lénárd (ELI-ALPS, ELI-HU Non-Profit Ltd.); Dr YE, Peng (ELI-ALPS, ELI-HU Non-Profit Ltd.); NANDIGA GOPALAKRISHNA, Harshitha (ELI-ALPS, ELI-HU Non-Profit Ltd.); Dr FÜLE, Miklós (ELI-ALPS, ELI-HU Non-Profit Ltd.); Dr ZAIR, Amelle (ELI-ALPS, ELI-HU Non-Profit Ltd.)

Presenter: CSIZMADIA, Tamás (ELI-ALPS, ELI-HU Non-Profit Ltd.)

Session Classification: Poster session 1