



Contribution ID: 203

Type: poster

Sub-cycle Electron Dynamics in the Generation of Below Threshold Harmonics

Wednesday 3 July 2019 18:00 (2 hours)

The generation of the below threshold harmonics (BTHs) under different driving laser intensities is investigated. The linearly shifting of photon energy and resonantly enhancement of photon yield of the harmonics from 23rd (H23) to 27th (H27) are found by changing the laser intensity around 18.6 TW/cm^2 .

Authors: WANG, Li (Shanghai Institute of Optics and Fine Mechanics); XUE, Jinxing (Shanghai Institute of Optics and Fine Mechanics); Prof. ZENG, Zhinan (Shanghai Institute of Optics and Fine Mechanics); LI, Ruxin (Shanghai Institute of Optics and Fine Mechanics); XU, Zhizhan (Shanghai Institute of Optics and Fine Mechanics)

Presenter: Prof. ZENG, Zhinan (Shanghai Institute of Optics and Fine Mechanics)

Session Classification: Poster session 2