



Contribution ID: 307

Type: **poster**

Quantum Path Interferences in High-Harmonics Generated by Impulsively Aligned N₂ Molecules

Wednesday 3 July 2019 18:00 (2 hours)

Based on a time-gated ion microscopy self-referenced technique, we report evidence of electron quantum path interferences in the harmonics generated by field-free aligned N₂ molecules and measure their phase dependence on molecular orientation.

Authors: CHATZIATHANASIOU, S (FORTH-IESL); Dr LIONTOS, Ioannis (FORTH-IESL); Dr SKANTZAKIS, E (FORTH-IESL); KAHALY, Subhendu (ELI-ALPS, ELI-HU Non-Profit Ltd.); UPADHYAY KAHALY, Mousumi (ELI-ALPS, ELI-HU Non-Profit Ltd.); TSATRAFYLLIS, N (FORTH-IESL); FAUCHER, Olivier (CNRS -Université de Bourgogne); WITZEL, B (University Laval); PAPADAKIS, N (FORTH-IESL); CHARALAMBIDIS, Dimitris (FORTH-IESL); TZALLAS, Paraskevas (FORTH-IESL)

Presenter: Dr LIONTOS, Ioannis (FORTH-IESL)

Session Classification: Poster session 2