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A Beamline combining XUV Attosecond Pulses with sub-2 fs Deep-UV Pulses

Monday 1 July 2019 18:00 (2 hours)

1.9-fs deep ultraviolet pulses (150 nJ) are obtained from third-harmonic generation in argon using a laser micromachined gas cell. The source is synchronized with isolated attosecond XUV pulses offering new avenues in attosecond spectroscopy of bio-relevant molecules.

Authors: WANIE, Vincent (Center for Free-Electron Laser Science, DESY); GALLI, Mara (Center for Free-Electron Laser Science, DESY); COLAIZZI, Lorenzo (Center for Free-Electron Laser Science, DESY); PEREIRA LOPES, Diogo (Politecnico di Milano); P. MÅNSSON, Erik (Center for Free-Electron Laser Science, DESY); TRABATTONI, Andrea (Center for Free-Electron Laser Science, DESY); SARASWATHULA, Krishna (Center for Free-Electron Laser Science, DESY); CARTELLA, Andrea (Center for Free-Electron Laser Science, DESY); FRASSETTO, Fabio (CNR-IFN); POLETTO, Luca (CNR-IFN); LÉGARÉ, François (INRS-EMT); STAGIRA, Salvatore (CNR-IFN); NISOLI, Mauro (Politecnico di Milano); MARTINEZ VASQUEZ, Rebeca (CNR-IFN); OSELLAME, Roberto (CNR-IFN); CALEGARI, Francesca (Center for Free-Electron Laser Science, DESY)

Presenter: WANIE, Vincent (Center for Free-Electron Laser Science, DESY)

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