



Contribution ID: 253

Type: poster

Enhancement and Spatial Manipulation of High Harmonics in Crystals

Wednesday 3 July 2019 18:00 (2 hours)

We report on the enhancement of high harmonics by field confinement in zinc oxide nanostructured cones and the generation of high harmonics carrying an orbital angular momentum using two different approaches.

Authors: Ms KAASSAMANI, Shatha (CEA Saclay); Dr GAUTHIER, David (CEA Saclay); Dr FRANZ, Dominik (CEA Saclay); Dr NICOLAS, Rana (CEA Saclay); Ms KHOLODTSOVA, Maria (CEA Saclay); Prof. DOUILLARD, Ludovic (CEA Saclay); Mr GOMES, Jean-Thomas (NOVAE); Mr LAVOUTE, Laure (NOVAE); Mr GAPONOV, Dmitry (NOVAE); Mr DUCROS, Nicolas (NOVAE); Mr FÉVRIER, Sébastien (Université Limoges); Mr JARGOT, Gaëtan (Laboratoire Charles Fabry); Prof. HANNA, Marc (Laboratoire Charles Fabry); Prof. BIEGERT, Jens (ICFO); Mr SHI, Liping (Leibniz Universität Hannover); Prof. KOVACEV, Milutin (Leibniz Universität Hannover); Prof. BOUTU, Willem (CEA Saclay); Prof. MERDJI, Hamed (CEA Saclay)

Presenter: Ms KAASSAMANI, Shatha (CEA Saclay)

Session Classification: Poster session 2