



Contribution ID: 286

Type: poster

Following Phonon Dynamics in Solids Using High-Harmonic Spectroscopy

Wednesday 3 July 2019 18:00 (2 hours)

Ultrahigh-order wave mixing is observed in quartz using non-collinear two-color interferometric measurements. Using this methodology, we can initiate, control, follow, and reconstruct phonon dynamics of quartz in real-time with high fidelity.

Authors: LUU, Tran Trung (ETH Zürich); Prof. KUHN, Tilmann (University of Münster); Dr LENGERS, Frank (University of Münster); Mr MOLITOR, Magnus (University of Münster); Prof. REITER, Doris E. (University of Münster); Dr WIGGER, Daniel (University of Münster); Prof. WÖRNER, Hans Jakob (ETH Zürich)

Presenter: LUU, Tran Trung (ETH Zürich)

Session Classification: Poster session 2