



Contribution ID: 272

Type: **oral**

Role of Effective Mass in Attosecond Time-resolved Photoemission from the Non-centrosymmetric Crystal BiTeCl

Wednesday 3 July 2019 11:45 (15 minutes)

Attosecond time-resolved photoemission experiments on the non-centrosymmetric crystal BiTeCl provide evidence that the observed dynamics of photoemission is significantly influenced by the effective electron mass in the final states.

Authors: NEB, S. (Bielefeld University); GEBAUER, A. (Bielefeld University); ENNS, W. (Bielefeld University); MÜLLER, N. (Bielefeld University); DIL, J. H. (Paul-Scherrer-Institut (PSI)); CHULKOV, E. V. (University of the Basque Country); SILKIN, V. M. (University of the Basque Country); KABACHNIK, N. M. (University of the Basque Country); KAZANSKY, A. K. (University of the Basque Country); ECHEÑIQUE, P. M. (University of the Basque Country); HEINZMANN, U. (Bielefeld University); PFEIFFER, W. (Bielefeld University)

Presenter: NEB, S. (Bielefeld University)

Session Classification: Ultrafast spectroscopy of electronic and magnetic processes in solids