



Contribution ID: 264

Type: **oral**

Interface-sensitive Spectroscopy with Broadband Attosecond Pulses

Wednesday 3 July 2019 12:15 (15 minutes)

Broadband attosecond pulses are used for interface-sensitive scattering spectroscopy. Using a patterned silicon structure, the response of a 1.5 nm-thick native oxide layer is isolated. Attosecond transient reflectivity measurements are then performed on this system.

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