

International Conference on Precision Physics and Fundamental Physical Constants (FFK-2015)



Contribution ID: 6

Type: **not specified**

Nanoplasmonics for ultimate spatiotemporal characterization of optical near-fields

Monday 12 October 2015 17:45 (30 minutes)

Nano-optical near fields already play a fundamental role in many nanotechnology applications including photovoltaics, sensorics and biomedicine. The characterization of nanoscale changes of the electromagnetic field on ultrashort (femto- and attosecond) time-scales is a core requirement for developing applications. I will show how ultrafast photoemission from and photoelectron spectroscopy on nanoscale systems can help to achieve these goals.

Author: Dr DOMBI, Péter (Wigner Research Centre for Physics)

Presenter: Dr DOMBI, Péter (Wigner Research Centre for Physics)

Session Classification: Spectroscopy-2.