

## **Session Program**

**1-5 Jul 2019**



# **ATTO2019 Registration to Scientific Sessions**

## **High-harmonic spectroscopy and generation in solid materials**

University of Szeged Congress Centre  
Ady Square 10., 6722 Szeged, Hungary

## Thursday 4 July

08:30

### High-harmonic spectroscopy and generation in solid materials: #3

Session | Location: University of Szeged Congress Centre, Ady Square 10., 6722 Szeged, Hungary

08:30-09:00

#### Solid State Harmonics: Spatiotemporal Properties and Connection to Band Structure

**Speaker**

Prof. Mette B. Gaarde

09:00-09:15

#### Light-Wave Magnetization Dynamics

**Speaker**

Mr Florian Siegrist

09:15-09:30

#### Tracking the Phase Transition in VO<sub>2</sub> using High Harmonic Spectroscopy

**Speaker**

Elissa Haddad

09:30-09:45

#### Reconstruction of Valence Electron Density in Solids using Optical Laser Fields

**Speaker**

Harshit Lakhotia

09:45-10:00

#### Multi-Band Petahertz Currents Resolved via High Harmonic Generation Spectroscopy

**Speaker**

Ayelet Uzan

10:00-10:15

#### Ultrafast Spin Dynamics and High Harmonic Generation in 2D Systems

**Speaker**

Dominik Schulze

10:15