



## [MoPM1-07] Plasmonic Hot Electrons

**Date / Time** Aug. 27 (Mon.), 2018 / 14:30-16:30

**Place** 302 (Room F)

### [MoPM1-07-I-1] (Invited)

14:30-14:50

#### **Kinetics of Plasmonic Hot-Electron Chemical Reactions**

Emiliano Cortes

Imperial College London, U.K.

### [MoPM1-07-I-2] (Invited)

14:50-15:10

#### **Raman Spectroscopic Indicators of the Electronic and Phononic Temperature in Plasmonic Absorbers**

Matthew Sheldon, Nicki Hogana, and Shengxiang Wu

Texas A&M University, USA

### [MoPM1-07-O-3]

15:10-15:25

#### **Plasmon-Driven Reactions on Single Hierarchical Metal Nanostructure**

Jie Wu and Bin Zhang

Harbin Institute of Technology, China

### [MoPM1-07-O-4]

15:25-15:40

#### **Plasmon-Driven Dimerization of 4-Nitrothiophenol on the Composites of Ag/2D Materials**

Mansha Gao, Xijiang Han, and Yunchen Du

Harbin Institute of Technology, China

### [MoPM1-07-O-5]

15:40-15:55

#### **Plasmon Induced Chemistry and Surface Plasmon Polaritons Interference on Silver Microcrystal Plates**

Zhenglong Zhang and Hairong Zheng

Shaanxi Normal University, China

### [MoPM1-07-K-6] (Keynote)

15:55-16:25

#### **Precision SERS: From Ideal Dimers of Gold Nanoparticles to iSERS Microscopy on Single Cells**

Sebastian Schlücker, Jun Hee Yoon, Florian Selbach, Ludmilla Langolf, Jörg Wissler, Vi Tran, Mohammad Salehi, Xinping Wang, Elzbieta Stepuła, and Roland Grzeschik

University Duisburg-Essen, Germany