



[MoPM2-02] Time-Resolved Vibrational Spectroscopy 3: Resonance Raman and Raman Theory

Date / Time Aug. 27 (Mon.), 2018 / 16:45-18:45

Place 301 (Room E)

[MoPM2-02-I-1] (Invited)

16:45-17:05

Time-Resolved Resonance Raman Studies of Selected Reactive Intermediates and Their Reactions

David Lee Phillips

University of Hong Kong, Hong Kong, China

[MoPM2-02-O-3]

17:25-17:40

Ultrafast Time-Resolved Spectroscopic Studies of the Electronic Properties and Reactivities of Phenyloxenium Ion Reactive Intermediates

Ming-De Li¹, David Lee Phillips², and Arthur H. Winter³

¹Shantou University, China, ²The University of Hong Kong, Hong Kong, China, ³Iowa State University, China

[MoPM2-02-O-4]

17:40-17:55

On the Raman Virtual States: the Systematic Analyses of Raman and ROA Intensities and Their Implications

Guozhen WU

Tsinghua University, China

[MoPM2-02-O-5]

17:55-18:10

Spatial Resolution of TERS under Non-Resonant and Resonant Conditions - A Quantum Chemical Investigation

K. Fiederling¹, V. Deckert^{1,2}, S. Gräfe¹, and S. Kupfer¹

¹Friedrich-Schiller-University Jena, Germany, ²Leibniz Institute of Photonic Technology (IPHT), Germany

[MoPM2-02-O-6]

18:10-18:25

Chemical Enhancement and Energy Level Alignment in Surface-Enhanced Raman Spectroscopy of Aromatic Thiols Adsorbed on Silver and Gold Surfaces

Rui Wang, Hang Shi, Jian-Zhang Zhou, De-Yin Wu, and Zhong-Qun Tian

Xiamen University, China