

[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)
Session Chair	Michael J. Tauber (University of California, San Diego, USA)

[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

[MoPM2-02-I-2] (Invited) 17:05-17:25

Light-Driven Cation Pump Mechanism of a Sodium Ion Pump Derived by its Chromophore Structure of Photointermediates

Misao Mizuno

Osaka University, Japan

[MoPM2-02-O-3] 17:25-17:40

Ultrafast Time-Resolved Spectroscopic Studies of The Electronic Properties and Reactivities of Phenoxenium Ion Reactive Intermediates

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

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

[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

¹*Friedrich Schiller University Jena, Germany*, ²*Leibniz 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