

[ThPM1-01] TERS-3	
Date / Time	Aug. 30 (Thu.), 2018 / 14:30-16:30
Place	Halla A (Room A)
Session Chair	V. Ara Apkarian (University of California at Irvine, USA)

[ThPM1-01-K-1] (Keynote) 14:30-15:00

Chiral Discrimination Using Chemically Modified Tip-Enhanced Raman Spectroscopy (TERS) Based Charge-Transfer and H-Bonding

Thanyada Sukmanee¹, Kanet Wongravee¹, Yasutaka Kitahama², Sanong Ekgasit¹, Prompong Pienpinijtham¹, and Yukihiro Ozaki²

¹Chulalongkorn University, Thailand, ²Kwansei Gakuin University, Japan

[ThPM1-01-I-2] (Invited) 15:00-15:20

Tip-Enhanced Nanospectroscopy Beyond Ambient

Norihiko Hayazawa

RIKEN, Japan

[ThPM1-01-I-3] (Invited) 15:20-15:40

Phonons in Semiconductor Nanostructures Probed by Gap-Mode Tip-Enhanced Raman Spectroscopy

A. G. Milekhin^{1,2}, M. Rahaman³, I. A. Milekhin^{1,2}, E. E. Rodyakina^{1,2}, T. A. Duda¹, A. V. Latyshev^{1,2}, V. M. Dzhagan⁴, and D. R. T. Zahn³

¹Rzhanov Institute of Semiconductor Physics RAS, Russia, ²Novosibirsk State University, Russia, ³University of Technology, Germany, ⁴National Academy of Sciences of Ukraine, Ukraine

[ThPM1-01-O-4] 15:40-15:55

Nanoscale Chemical Imaging of Solid-Liquid Interfaces using Tip-Enhanced Raman Spectroscopy

N. Kumar^{1,2}, W. Su³, M. Veselý², B. M. Weckhuysen², A. J. Pollard¹, and A. J. Wain¹

¹National Physical Laboratory, U.K., ²Utrecht University, Netherlands, ³Hangzhou Dianzi University, China

[ThPM1-01-O-5] 15:55-16:10

Nanoscale Characterization of the Surface Plasmon Catalysis with Electrochemical Tip-Enhanced Raman Spectroscopy

Sheng-Chao Huang, Xiang Wang, Zhi-Cong Zeng, Jiu-Zheng Ye, and Bin Ren

Xiamen University, China

[ThPM1-01-O-6] 16:10-16:25

Electrochemical Tip-Enhanced Raman Spectroscopy

Thomas Touzalin, Suzanne Joiret, Emmanuel Maisonhaute, and Ivan T. Lucas

Sorbonne Universite - UPMC, France