



[ThPM1-01] TERS-3

Date / Time Aug. 30 (Thu.), 2018 / 14:30-16:30

Place Halla A (Room A)

[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

[ThAM-01-I-3] (Invited)

15:20-15:40

Intermolecular Interactions in Self-Assembled Monolayers on Metal Surfaces Characterized by Ultrahigh Vacuum Tip-Enhanced Raman Spectroscopy

Philip Whiteman, Jeremy Schultz, and Nan Jiang

University of Illinois at Chicago, USA

[ThPM1-01-I-4] (Invited)

15:40-16:00

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-5]

16:00-16:15

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



The 26th International Conference on Raman Spectroscopy

ICORS 2018

August 26-31, 2018 / ICC Jeju, Jeju Island, Korea

[ThPM1-01-O-6]

16:15-16:30

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