



[TuPM2-02] Raman Spectroscopy on Life and Materials

Date / Time Aug. 28 (Tue.), 2018 / 16:45-18:45

Place 301 (Room E)

[TuPM2-02-K-1] (Keynote)

16:45-17:15

Raman Microscopy for Molecular Imaging of Living Cells

Katsumasa Fujita

Osaka University, Japan

[TuPM2-02-I-2] (Invited)

17:15-17:35

Hyper-Raman Spectroscopy of Liquid Water and Ice

Vitaly Korepanova^{1,2}, Chun-Chieh Yu², and Hiro-o Hamaguchi²

¹RAS, Russia, ²National Chiao Tung Unoversoty, Taiwan

[TuPM2-02-I-3] (Invited)

17:35-17:55

Solvation Dynamics of Electrolytes in Li-Ion Battery observed with Two-dimensional Infrared Spectroscopy

Joonhyung Lim, Kwanghee Park, Hochan Lee, Jungyu Kim, Kyungwon Kwak, and Minhaeng Cho

Korea University, Korea

[TuPM2-02-I-4] (Invited)

17:55-18:15

Resonant Excitation of Defect-mediated Coherent Lattice Vibrations in Monolayer MoSe₂

Ki-Ju Yee¹, Tae-Young Jeong^{1,2}, and Suyoung Jung²

¹Chungnam National University, Korea, ²KRISS, Korea

[TuPM2-02-O-5]

18:15-18:30

Resonant Raman Scattering by Photocharged ZnO Nanocrystals: Effects of Free Carriers

Butian Zhang, Kexin Wang, Ruiheng Chang, and Shun Wang

Huazhong University of Science and Technology, China

[TuPM2-02-O-6]

18:30-18:45

Time-resolved Raman Spectroscopy for the Detection of Extra-terrestrial Life

B. J. A. Mooij, G. R. Davies, J. F. de Boer, and F. Ariese

Vrije Universiteit, The Netherlands