

[TuPM2-02] Raman Spectroscopy on Life and Materials	
Date / Time	Aug. 28 (Tue.), 2018 / 16:45-18:45
Place	301 (Room E)
Session Chair	Stephen Meech (University of East Anglia, U.K.)

[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 Korepanov^{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 Infared 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