

[ThPM1-04] Organic Materials	
Date / Time	Aug. 30 (Thu.), 2018 / 14:30-16:30
Place	Samda A (Room C)
Session Chair	Sunmin Ryu (POSTECH, Korea)

[ThPM1-04-I-1] (Invited) 14:30-14:50

New Ordered Structure of Amorphous Carbon Clusters from Compressing C_8H_8/C_{60}

Mingrun Du, Mingguang Yao, and Bingbing Liu

Jilin University, China

[ThPM1-04-I-2] (Invited) 14:50-15:10

Investigations of the Bistable Switchable Metal-Organic Frameworks Phases by Raman Spectroscopy

A. Krylov¹, I. Senkovska², V. Bon², S. Kaskel², E. Slysareva³, and A. Vtyurin¹

¹*Kirensky Institute of Physics FRC KSC SB RAS, Russia*, ²*Technische Universität Dresden, Germany*,

³*Siberian Federal University, Russia*

[ThPM1-04-I-3] (Invited) 15:10-15:30

Raman Spectra of Methylammonium Lead Iodide Perovskite

Yukio Furukawa¹, Kousuke Nakada¹, and Koji Yamada²

¹*Waseda University, Japan*, ²*Nihon University, Japan*

[ThPM1-04-O-4] 15:30-15:45

Measuring Molecular Orientation for Nanoelectronic Applications Using Polarised Raman Spectroscopy

Sebastian Wood¹, Grigorios-Panagiotis Rigas^{1,2}, Alina Zoladek-Lemanczyk¹, James C. Blakesley¹, Maxim Shkunov² and Fernando A. Castro¹

¹*National Physical Laboratory, U.K.*, ²*University of Surrey, U.K.*

[ThPM1-04-O-5] 15:45-16:00

Probing Femtosecond Lattice Displacement upon Photo-Carrier Generation in Lead Halide Perovskites

G. Batignani¹, G. Fumero¹, A. R. S. Kandada², G. Cerullo³, M. Gandini^{2,3}, C. Ferrante^{1,2}, A. Petrozza², and T. Scopigno^{1,2}

¹*Università di Roma La Sapienza, Italy*, ²*Istituto Italiano di Tecnologia Center for Nano Science and Technology, Italy*, ³*Politecnico di Milano, Italy*

[ThPM1-04-K-6] (Keynote) 16:00-16:30

Insight into Organic Photovoltaic Materials through Raman Spectroscopy and Computational Chemistry

Keith Gordon

University of Otago, New Zealand