



[WeAM-02] Time-Resolved Vibrational Spectroscopy 4: Biological Systems	
Date / Time	Aug. 29 (Wed.), 2018 / 10:00-12:00
Place	301 (Room E)
Session Chair	Taiha Joo (POSTECH, Korea)

[WeAM-02-K-1] (Keynote) 10:00-10:30

Delocalized Phonon-Like Modes in Biomolecules

Mario González-Jiménez¹, Gopakumar Ramakrishnan¹, Thomas Harwood², Adrian J. Laphom¹, Sharon M. Kelly¹, Elizabeth M. Ellis², and Klaas Wynne¹

¹University of Glasgow, U.K., ²University of Strathclyde, U.K.

[WeAM-02-I-2] (Invited) 10:30-10:50

Compactness of Protein Structure Facilitates Vibrational Energy Flow

Yasuhisa Mizutani

Osaka University, Japan

[WeAM-02-I-3] (Invited) 10:50-11:10

Raman Vibrational Coherence Spectroscopy and Kinetic Studies of Biomolecules

Paul M. Champion

Northeastern University, USA

[WeAM-02-O-4] 11:10-11:25

Ultrafast Protein Dynamics of Bacteriorhodopsin Revealed by Deep-UV Femtosecond Stimulated Raman Spectroscopy

Shinya Tahara¹, Hikaru Kuramochi^{1,2}, Satoshi Takeuchi^{1,2}, and Tahei Tahara^{1,2}

¹RIKEN, Japan, ²RIKEN Center for Advanced Photonics (RAP), Japan

[WeAM-02-O-5] 11:25-11:40

Spectral Watermarking Approach to Stimulated Raman Spectroscopy in Photosynthesis and Biological Photoswitches

Miroslav Kloz¹, Alessandra Picchiotti¹, Nils Lenngren¹, Gustavo Fuertes Vives², Yusaku Hontani³, Tomas Polivka⁴, Mahendra Shuklam⁵, Roman Sobotka⁵, and John T. M. Kennis³

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