


[Session B] Nonlinear Spectroscopy Experiment and Theory

Date / Time	November 4, 2021 / 13:30-15:30
Session Code	ThB2-04
Session Chair	Prof. Kyungwon Kwak (Korea University, Korea)

ThB2-04-1 **Keynote Talk**
[Live] 13:30-14:00
Revealing Ultrafast Reaction Dynamics at the Water Surface by Femtosecond Time-Resolved Phase-Sensitive Nonlinear Spectroscopy

 Tahei Tahara
RIKEN, Japan
ThB2-04-2 **Invited Talk**
[Live] 14:00-14:20
Measuring the Ultrafast Spectral Diffusion Dynamics of Molecular Systems using Coherent 2D Electronic Spectroscopy

 Howe-Siang Tan
Nanyang Technological University, Singapore
ThB2-04-3 **Invited Talk**
[Live] 14:20-14:40
What is the Impact of Improved Time Resolution of Transient Absorption Spectroscopy When Analyzing the Parameters Affecting Interfacial Electron Transfer Reactions using Marcus Theory?

 Attila J. Mozer and Inseong Cho
University of Wollongong, Australia
ThB2-04-4 **Oral**
[Pre-recorded] 14:40-14:55
Energy Transfer Dynamics in Bacterial Light-Harvesting Complex Unraveled by Multidimensional Wavepacket Spectroscopy

 JunWoo Kim¹, Minhaeng Cho^{2,3}, and Gregory D. Scholes¹
¹Princeton University, USA ²Institute for Basic Science, Korea ³Korea University, Korea

ThB2-04-5 **Oral**
[Pre-recorded] 14:55-15:10
Development of Signal-Enhanced Pump-Repump-Probe Spectroscopy and Application to a Photoionization Reaction in Solution

 Hikaru Sotome, Masafumi Koga, Tomoya Sawada, and Hiroshi Miyasaka
Osaka University, Japan