



## [Session D] Recent Advances in Plasmonics and Nanophotonics 3

<b>Date / Time</b>	November 2, 2021 / 10:50-12:30
<b>Session Code</b>	TuD1-03
<b>Session Chair</b>	Prof. Ji Won Ha (University of Ulsan, Korea)

TuD1-03-1 **Keynote Talk**

[Pre-recorded] 10:50-11:20

**Enhanced Water Splitting under Modal Strong and Ultra Strong Coupling Conditions**Hiroaki Misawa,<sup>1,2</sup> Xu Shi<sup>1</sup>, Tomoya Oshikiri<sup>1</sup>, Keiji Sasaki<sup>1</sup>, and Yoshiki Suganami<sup>1</sup><sup>1</sup>Hokkaido University, Japan, <sup>2</sup>National Yang Ming Chiao Tung University, TaiwanTuD1-03-2 **Invited Talk**

[Live] 11:20-11:40

**Probing and Utilizing Hot Carriers for Plasmonic Photocatalysis**Jeong Young Park<sup>1,2</sup><sup>1</sup>KAIST, Korea, <sup>2</sup>Institute for Basic Science, KoreaTuD1-03-3 **Invited Talk**

[Pre-recorded] 11:40-12:00

**Plasmon-Driven Bond Cleavage Reactions in Nanogaps**

Hyun Huh, Ly Thi Minh Huynh, Dokyung Lee, Seokheon Kim, and Sangwoon Yoon

Chung-Ang University, Korea

TuD1-03-4 **Oral**

[Pre-recorded] 12:00-12:15

**Role of Solvent in Electron-Phonon Relaxation Dynamics in Core-Shell Au-SiO<sub>2</sub> Nanoparticles**

Hemen Gogoi, Bala Gopal Maddala, Fariyad Ali, and Anindya Datta

IIT Bombay, India