

**[Session A] Photocatalysis and Solar Cell 3**

Date / Time	November 1, 2021 / 14:30-16:10
Session Code	MoA2-01
Session Chair	Prof. Jin-Wook Lee (Sungkyunkwan University, Korea)

Nov. 1 (Mon.)

MoA2-01-1 **Keynote Talk**

[Live] 14:30-15:00

Designing Semiconductor Nanomaterials for Photoelectrochemical Energy Conversion

Lianzhou Wang

*The University of Queensland, Australia*MoA2-01-2 **Invited Talk**

[Pre-recorded] 15:00-15:20

Hydrogen Production from Alcohol Solution using FeOOH

Ken-ichi Katsumata

*Tokyo University of Science, Japan*MoA2-01-3 **Invited Talk**

[Pre-recorded] 15:20-15:40

Ultrafast Time-Resolved Spectroscopic Study of Zinc Oxide Based Photocatalysts

Yuxiang Weng, Qianxia Liu, Zhuang Wang, and Hailong Chen

*Chinese Academy of Sciences, China*MoA2-01-4 **Oral**

[Pre-recorded] 15:40-15:55

Charge Carrier Mapping for Z-Scheme Photocatalytic Water Splitting Sheet by Categorization of Microscopic Time-Resolved Image SequenceM. Ebihara¹, T. Ikeda^{2,3}, S. Okunaka^{2,3}, H. Tokudome^{2,3}, K. Donen^{4,5}, and K. Katayama¹¹Chuo University, Japan ²TOTO Ltd., Japan ³ARPCHEM, Japan ⁴Shinshu University, Japan ⁵The University of Tokyo, JapanMoA2-01-5 **Oral**

[Pre-recorded] 15:55-16:10

Up-Conversion Phosphor Assisted TiO₂ Photoanode for Water Splitting Application

Amol U. Pawar, Hieu Minh Ngo, and Young Soo Kang

Sogang University, Korea