



[Session A] Photocatalysis and Solar Cell 12

Date / Time November 3, 2021 / 16:30-18:30

Session Code WeA3-01

Session Chair Prof. Jong Hyeok Park (Yonsei University, Korea)

WeA3-01-1 Keynote Talk

[Pre-recorded] 16:30-17:00

Design and Synthesis of Photocatalysts for Solar Hydrogen Evolution Production

Shi-Zhang Qiao

The University of Adelaide, Australia

WeA3-01-2 Invited Talk

[Live] 17:00-17:20

True Particle-Size Dependence of Photocatalytic Activity of Octahedral Shaped Anatase Titani

Bunsho Ohtani and Mai Takashima

Hokkaido University, Korea

WeA3-01-3 Invited Talk

[Pre-recorded] 17:20-17:40

Behavior of Photocarriers for the Remarkable Water Splitting Photocatalysts

Akira Yamakata and Kosaku Kato

Toyota Technological Institute, Japan

WeA3-01-4 Invited Talk

[Pre-recorded] 17:40-18:00

Crystal Facet Engineering of Tungsten Oxide Film for Enhancing Photoelectrochemical Water Splitting

Jiameizi Cui, Qimeng Sun, and Jin You Zheng

Zhengzhou University, China

WeA3-01-5 Oral

[Pre-recorded] 18:00-18:15

Solar Synthesis of Electrolyte-free H₂O₂ Aqueous Solution using Bias-free Photoelectrochemical Cell with Solid Polymer ElectrolyteTaehwa Jeon^{1,2} and Wonyong Choi¹¹POSTECH, Korea, ²Rice University, USA