

**[Session A] Photocatalysis and Solar Cell 7**

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| <b>Date / Time</b>   | November 2, 2021 / 15:50-17:30                |
| <b>Session Code</b>  | TuA3-01                                       |
| <b>Session Chair</b> | Prof. Hyoungil Kim (Yonsei University, Korea) |

TuA3-01-1 **Keynote Talk**

[Live] 15:50-16:20

**Material Engineering toward High Performance Perovskite Solar Cells**

Hiroshi Segawa

*The University of Tokyo, Japan*TuA3-01-2 **Invited Talk**

[Pre-recorded] 16:20-16:40

**Scalable Solar Energy Storage and Conversion via Photocatalytic Water Splitting**

Rengui Li

*Chinese Academy of Sciences, China*TuA3-01-3 **Invited Talk**

[Live] 16:40-17:00

**Hot Carrier Relaxation in CsPbBr<sub>3</sub>-Based Perovskites: A Polaron Perspective**

Hirendra N. Ghosh

*Institute of Nano Science and Technology, India*TuA3-01-4 **Oral**

[Live] 17:00-17:15

**Brownian Tree-shaped Dendrites in Quasi-2D Perovskite Films for Photovoltaics**

Fei Zheng, Trevor A. Smith, and Kenneth P. Ghiggino

*The University of Melbourne, Australia*TuA3-01-5 **Oral**

[Pre-recorded] 17:15-17:30

**Old Chemistry for Advanced Photocatalysts**

Mu Xiao and Lianzhou Wang

*University of Queensland, Australia*