

ISF-3 Young, 19-20th November 2019, Hiroshima, Japan

Tuesday, November 19, 2019		
10:00	10:50	Registration, Refreshments
10:50	11:00	Opening Remarks Chair: Akinobu Nakada
11:00	11:20	Oral 1: Kenta Watanabe / Tokyo University of Science Solar Water Splitting Over AgTaO ₃ of Valence-Band-Controlled Metal Oxide Photocatalyst Improved by a Rh _{0.5} Cr _{1.5} O ₃ -Cocatalyst
11:20	11:40	Oral 2: Reiner Sebastian Sprick / University of Liverpool Conjugated Polymer Photocatalysts for Solar Fuel Production
11:40	12:00	Oral 3: Hiroyasu Tabe / Osaka City University Photocatalytic H ₂ -Evolution Systems Constructed in Porous Protein Crystals
12:00	12:20	Oral 4: Qian Wang / University of Cambridge Photocatalyst Sheets for Efficient and Scalable Solar Energy Conversion
12:20	13:30	Lunch
13:30	14:10	Poster Session (Odd number)
14:10	14:50	Poster Session (Even number)
14:50	15:00	Coffee Break Chair: Keisuke Kawakami
15:00	15:20	Oral 5: Hideshi Ooka / RIKEN CSRS Difference in the Binding Energy Which Optimizes the Rates and Overpotentials of Electrocatalysis
15:20	15:40	Oral 6: Masaharu Kondo / Nagoya Institute of Technology Photosensitization Activity of the Light-Harvesting Pigment-Protein Complex of Photosystem II (LHCII)
15:40	16:00	Oral 7: Chihiro Azai / Ritsumeikan University Functional Implication of Carotenoid Glucoside in the Anaerobic Photosynthesis of Green Sulfur Bacteria
16:00	16:20	Oral 8: Henna Mustila / Uppsala University Towards Photobiological Isobutene Production in the Cyanobacterium Synechocystis PCC 6803
16:20	16:40	Coffee Break Chair: Xiaohong Liu
16:40	17:20	Plenary Lecture 1: Long-Jiang Yu / Chinese Academy of Science Structure Analysis of LH1-RC Complexes from Photosynthetic Bacteria Chair: Long-Jiang Yu
17:20	18:00	Plenary Lecture 2: Xiaohong Liu / Chinese Academy of Science Photosensitive Protein Design Based on Genetic Code Expansion
18:00	20:00	Banquet
Wednesday, November 20, 2019		
Chair: Cristina Tapia		
9:00	9:20	Oral 9: Daiki Saito / Tokyo Institute of Technology Photocatalytic CO ₂ Reduction Using Supramolecular Photocatalysts on Solid Surface
9:20	9:40	Oral 10: Souvik Roy / University of Cambridge Visible-Light Driven Carbon Dioxide Reduction by Metal-Organic Polymer Integrated Carbon Nitride
9:40	10:00	Oral 11: Sebastian Bold / Friedrich-Schiller-University Jena Covalent Dye-Catalyst Assemblies for H ₂ -Evolving Dye-Sensitized Photocathodes: Improved Performance and Transient Absorption Spectroelectrochemistry
10:00	10:20	Oral 12: Ludovic Troian-Gautier / Université Libre de Bruxelles Layer-by-Layer Assembly of Molecular Photoelectrodes on Conductive Metal Oxide for Water Splitting
10:20	10:40	Coffee Break Chair: Kazuhiko Maeda
10:40	11:20	Plenary Lecture 3: Sophia Haussener / EPFL Heat and Mass Transport Synergies in Photoelectrochemical Fuel Processing Devices Chair: Sophia Haussener
11:20	12:00	Plenary Lecture 4: Kazuhiko Maeda / Tokyo Institute of Technology Development of New Materials for Artificial Photosynthesis from Mixed-Anion Compounds to Organic Polymers
12:00	12:10	Award Ceremony and Closing Remarks