2021 5+2 International Joint Symposium

Program

Japan Time	Taiwan Time	11/16	11/17	11/18
9:50-10:00	8:50-9:00	**Opening**		
Session Chair		**Hideyuki MITOMO** *(Research Institute for Electronic Science, Hokkaido University)*	**Hideki KATO** *(Institute of Multidisciplinary Research for Advanced Materials, Tohoku University)*	**Hikaru SAITO** *(Institute for Materials Chemistry and Engineering, Kyushu University)*
10:00-10:20	9:00-9:20	**Wei-Guang Diau** *Department of Applied Chemistry, National Yang Ming Chiao Tung University* Interfacial Engineering with a Hole-Selective Self-Assembled Monolayer for Tin Perovskite Solar Cells via a Two-Step Fabrication	**Satoshi OKAMOTO** *Institute of Multidisciplinary Research for Advanced Materials, Tohoku University* Magnetic-tomography measurement on a Nd-Fe-B magnet	**Kung-Hwa Wei** *Department Of Materials Science And Engineering, National Yang Ming Chiao Tung University* Engineering Interfacial nanometer layer for enhancing the performances of organic photovoltaics
10:20-10:40	9:20-9:40	**Yuki YAMADA** *The Institute of Scientific and Industrial Research, Osaka University* Concentrated liquid electrolytes: unusual functions and battery applications	**Shih-Yen Lin** *Research Center for Applied Science, Academia Sinica* Toward Practical Applications for Epitaxially Grown 2D Material Hetero-structures	**Shinji KUDO** *Institute for Materials Chemistry and Engineering, Kyushu University* Sustainable iron-making process mediated by oxalic acid: the concept and fundamental studies on key reactions
10:40-11:00	9:40-10:00	**Mu-Huai Fang** *Research Center for Applied Science, Academia Sinica* High-Performance NaK2Li[Li3SiO4]4:Eu Green Phosphor for Backlighting Light-Emitting Diodes	**Shoichi KUBO** *Laboratory for Chemistry and Life Science, Institute of Innovative Research, Tokyo Institute of Technology* Unidirectionally aligned ZnO nanorods dispersed in nematic liquid-crystalline polymer films	**Tomoya OSHIKIRI** *Research Institute for Electronic Science, Hokkaido University* Photoelectrochemical Reactions on Photoanode and Photocathode Bearing Plasmonic Nanoparticles
11:00-11:10	10:00-10:10	Break	Break	Break
Session Chair		**Min-Hsiung Shih** *(Research Center for Applied Science, Academia Sinica)*	**Chih-Wei Chu** *(Research Center for Applied Science, Academia Sinica)*	**Ji-Yen Cheng** *(Research Center for Applied Science, Academia Sinica)*
11:10-11:30	10:10-10:30	**Akira OIWA** *The Institute of Scientific and Industrial Research, Osaka University* A photon-spin quantum interface based on semiconductor spin qubit	**Yen-Ju Cheng** *Department of Applied Chemistry, National Yang Ming Chiao Tung University* Design and Synthesis of Organic Functional Materials for Organic Photovoltaics	**Yang-Hsiang Chan** *Department of Applied Chemistry, National Yang Ming Chiao Tung University* Synthesis of NIR-II Fluorescent Polymers for Deep-Tissue Imaging
11:30-11:50	10:30-10:50	**Wen-Hao Chang** *Research Center for Applied Science, Academia Sinica* *Department of Electrophysics, National Yang Ming Chiao Tung University* Toward Epitaxial Growth of Single-Crystal 2D Semiconductors	**Hideki KATO** *Institute of Multidisciplinary Research for Advanced Materials, Tohoku University* Water splitting by Z-scheme system employing perovskite-type oxynitride photocatalysts	**Hikaru SAITO** *Institute for Materials Chemistry and Engineering, Kyushu University* Valley-polarized plasmonic edge mode visualized in near infrared spectral range
11:50-12:10	10:50-11:10	**Hideyuki MITOMO** *Research Institute for Electronic Science, Hokkaido University* Active Orientation Changes of Gold Nanorods on Polymer Brush Substrates	**Yu-Jung Lu** *Research Center for Applied Science, Academia Sinica* Lead Halide Perovskite Plasmonic Nanolasers	**Bi-Chang Chen** *Research Center for Applied Science, Academia Sinica* LightSheet Fluorescent Microscopy Approaching ƛ/80 resolution in 3D
12:10-12:20	11:10-11:20			**Closing**