

Inorganic and Ceramic Materials

Sep. 8th – Sep. 10th, 2023

Room C

Chaired by Shu Yin(Tohoku Univ.) and Hidetoshi Saito (Nagaoka University of Technology)

Sep. 8th (Fri.)

13:00 – 13:25 Chaired by Shu Yin (Tohoku University)

08C5 ○Zijing Wang, Shu Yin

(Xi'an University of Science and Technology / Tohoku University, China)

“Study on Surface Modification and Gas Sensing Characteristics of MXene”

13:25 – 13:50 Chaired by Shu Yin (Tohoku University)

08C6 ○Ardiansyah Taufik, Akira Yoko, Tadafumi Adschiri (Tohoku University, Japan)

“Surface structure and facet engineering of WO₃ layer through high protonation for improving photocatalytic performance”

13:50 – 14:15 Chaired by Shu Yin (Tohoku University)

08C7 ○Kongjun Zhu, Pengcheng Liu, Penghua Liang, Jing Wang, Kang Yan

(Nanjing University of Aeronautics and Astronautics, China)

“Preparation and Electrochemical Performance of Vanadium-Based Oxides Electrode Materials”

Sep. 10th (Sun.)

14:45 – 15:10 Chaired by Hidetoshi Saito (Nagaoka University of Technology)

10C1 ○Thitikorn Chamchaung, Keiji KOMATSU, Hidetoshi SAITOH

(Nagaoka University of Technology, Japan)

“Application of SXES technique for determining sp² fraction of DLC films”