



ACERC
Advanced Chemical Energy Research Center

DATE

 **December 13th, 2023**

1:00pm-5:10pm (JST)

HOW TO JOIN

ONLINE

[https://zoom.us/j/95283044071?
pwd=OFZHNU9OQ3pZekFwTFVBb
VFIZUsxQT09](https://zoom.us/j/95283044071?pwd=OFZHNU9OQ3pZekFwTFVBbVFIZUsxQT09)

Meeting ID 952 8304 4071
Passcode 146242



REAL VENUE

Yokohama National University
Media Hall (in the Central Library)

APPLICATION

NO APPLICATION IS REQUIRED to join
2023 ACERC International Symposium
and the **ADMISSION IS FREE**



YNU YOKOHAMA
National University

2023 INTERNATIONAL SYMPOSIUM

PROGRAM

Prof. Naoaki Yabuuchi, Yokohama National Univ. 13:00 - 13:05
Opening Remarks

Prof. Bing Joe Hwang, Taiwan Tech. 13:05 - 13:45
Recent Progress of Advanced Electrochemical
Energy Materials in SEED

Prof. Wei-Nien Su, Taiwan Tech. 13:45 - 14:10
Novel Electrolysis System for Hydrogen
Production with Low Energy
Consumption and Sustainable, Value-added
Products

BREAK

Prof. Jenny Pringle, Deakin University 14:20 - 14:45
Development of new solid and liquid electrolytes
by tailoring the ionic and molecular structure

Dr. Fangfang Chen, Deakin University 14:45 - 15:10
Recent computational electrolyte research at IFM
Deakin

Dr. Marco Amores Segura, Deakin University 15:10 - 15:35
Innovative Materials and Characterisation for
Energy Applications

BREAK

Prof. Naoaki Yabuuchi, Yokohama National Univ. 15:45 - 16:15
High-capacity Positive Electrode Materials with
Ordered/Disordered Structures for Advanced
Lithium Batteries

Prof. Takuto Araki, Yokohama National Univ. 16:15 - 16:40
Development of numerical simulations for mass
transport in water electrolyzers

Dr. Yosuke Ugata, Yokohama National Univ. 16:40 - 17:05
New functionality of electrode materials with
concentrated electrolyte solutions

**Sr. Distinguished Prof. Masayoshi Watanabe
(former Director of ACERC)** 17:05 - 17:10
Closing Remarks