

OKCAT2024(Osaka-Kansai International Symposium on Catalysis)

日時：2024年11月20日(水)～21日(木)

Day：November 20-21, 2024

会場：大阪公立大学杉本キャンパス学術情報総合センター10階大会議室

Venue：Osaka Metropolitan University, Sugimoto Campus, Media Center 10F

(〒558-8585 大阪市住吉区杉本 3-3-138 地図の11番の建物)

(3-3-138 Sugimoto, Sumiyoshi-ku, Osaka 558-8585 No.11 building on the map)

地図 (Map)： <https://www.omu.ac.jp/about/campus/sugimoto/>

### 11月20日 (1日目) November 20 (Day 1)

10:00-10:05 Opening Remarks

10:05-11:05 Plenary Lecture 1

Plasmonic Yolk@Shell nanocrystals for hydrogen production Prof. Yung-Jung Hsu (National Yang Ming Chiao Tung University)

11:05-11:35 Invited Lecture 1

Design of layered oxyhalide photocatalysts for visible light induced water splitting Dr Hajime Suzuki (Kyoto University)

11:35-12:05 Invited Lecture 2

Semiconductor facet effects towards photocatalytic organic transformations Prof. Michael Hsuan-Yi Huang (National Tsing Hua University)

12:05-13:30 Lunch Break

13:30-14:50 Short Talk for Poster Presentation

14:50-16:00 Poster Session

16:00-16:15 Coffee Break

16:15-17:00 Keynote Lecture 1

Selective transformation of carboxylic acid and its derivatives as renewable resources using the heterogeneous metal catalysts Prof. Tomoo Mizugaki (Osaka University)

17:30-19:30 Banquet

**11 月 21 日 (2 日目) November 21 (Day 2)**

10:00-11:00 Plenary Lecture 2

Controlling the interaction of platinum group metals and CeO<sub>2</sub> support to promote the reactivity Prof. Do Heui Kim (Seoul National University)

11:00-11:45 Keynote Lecture 2

From plastic to valuable MOF materials: Catalytic PET-to-BHET-to-MOF conversion over efficient solid catalysts Prof. Kevin C.-W. Wu (National Taiwan University)

11:45-13:00 Lunch Break

13:00-13:30 Invited Lecture 3

Synchrotron Characterization for Studying Electrochemical Interfaces Dr Yan-Gu Lin (National Synchrotron Radiation Research Center)

13:30-14:30 Plenary Lecture 3

Development of heterogeneous photocatalytic organic reactions Prof. Hisao Yoshida (Kyoto University)

14:30 Closing Remarks