

International Leading Research

Osaka University & RWTH Aachen University

1st On-line workshop for young researchers

Opening Remarks (8:55- CET, 16:55-JST)

December 15th, 2023

Session 1 (Chair: Shunsuke Kato)

9:00-9:30 CET 17:00-17:30 JST

“Catalytic Reactions Using Fluorophosphorane Platform”

Dr. Hayato Fujimoto

9:30-10:00 CET 17:30-18:00 JST

“Fabrication of Oxygen Releasing Microgels via Microfluidic System”

Ms. Shannon Jung

Session 2 (Chair: Nicolas de la Vega Guerra)

10:00-10:30 CET 18:00-18:30 JST

“Identification and Application of Nitro Group-producing Enzymes”

Dr. Hiroya Tomita

10:30-11:00 CET 18:30-19:00 JST

“Elucidating the Role of HoxE and [2Fe2S] Clusters in the Hydrogenase from *Synechocystis* sp. PCC6803 - Implications for Biohydrogen Production”

Ms. Elizabeth Lettau

Closing Remarks (+ Group Photo)

UniCat

Unified Catalysis Concepts from Molecular Design
to Sustainable Chemicals and Materials