

The background of the slide is a stage with red curtains and five spotlights at the top. The word "AWARD" is written in a bold, yellow, sans-serif font at the top center.

AWARD

Student Presentation Award

3rd International Forum on Energy & Informatics

15 Dec 2023

• Next Generation Award

- Topics
- ① Materials and Devices for energy
 - ② Reactions for energy
 - ③ Systems and Data Science for energy

Name	Univ.	Title
Yuqi Wang	Tokyo Tech	Interface Control of unmodified-LiCoO ₂ /Li ₁₀ GeP ₂ S ₁₂ -xO _x Cathode Composites for All-Solid-State Batteries

• Silver Medal

- Topics
- ① Materials and Devices for energy
 - ② Reactions for energy
 - ③ Systems and Data Science for energy

Name	Univ.	Title
Norleakvisoth Lim	UC Santa Barbara	Kinetics of Methane Decomposition in AC-excited Plasmas: Impact of Pressure and Hydrogen Dilution
Kexin Chen	Tokyo Tech	Study of CO/CO ₂ Electrochemical Reaction Kinetics on Fuel Electrode of Carbon/Air Secondary Battery System: a Hybrid Approach from Genetic Algorithm Optimization and Computational Chemistry
Yijie Xu	Princeton University	PZT-induced Surface Charge Effect on Plasma Dynamics and Catalytic Synthesis of NH ₃

• Silver Medal

- Topics
- ① Materials and Devices for energy
 - ② Reactions for energy
 - ③ Systems and Data Science for energy

Name	Univ.	Title
Christopher Kondratowicz	Princeton University	Quantitative study on the relationship between Surface Nitride and gas-phase N radicals
Jungho Justin Kim	KAIST	Analysis of Hydrogen Jet with Double Injection Structure Using Planar Laser-Induced Fluorescence
Peilu Jiang	Tokyo Tech	A Mixed-Conductive Li ₂ S-Based Cathode Composite by a Liquid-Phase Process for All-Solid-State Lithium-Sulfur Battery

•Silver Medal

- Topics
- ① Materials and Devices for energy
 - ② Reactions for energy
 - ③ Systems and Data Science for energy

Name	Univ.	Title
Mengqi Shi	Tokyo Tech	Preparation of CeO ₂ /rGO Nano complex by Laser Ablation in Liquid Method and the electric al properties
Kristian T. Lockyear	Georgia Tech	Modeling the Rates of Chemical Adsorption under Varying Conditions

• Gold Medal

- Topics
- ① Materials and Devices for energy
 - ② Reactions for energy
 - ③ Systems and Data Science for energy

Name	Univ.	Title
Kara J. Ferner	Carnegie Mellon University	Analysis of Morphological and Transport Properties of IrO ₂ Anode Catalyst Layers for PEM Electrolysis Using High-Resolution Imaging
Zijing LI	Tokyo Tech	Impact of Oil Viscosity on Dispersion in the Aqueous Phase of an Immiscible Two-Phase Flow in Porous Media: An X ray Tomography Study

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Best Collaboration Award

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Group No.	Name	Univ.
Group_20	Sara Sandlass LI Zijing Wang Yuchun	UC Santa Barbara Tokyo Tech Tokyo Tech
Group_14	Yasunobu Isobe Jiang Shan Nasution Aby Malik Ghiffari	Tokyo Tech Tokyo Tech Tokyo Tech
Group_15	Ryohei Kosasa Li Ruicheng Zhao Xucheng	Tokyo Tech Tokyo Tech Tokyo Tech
Group_10	Tomohiro Imai Taha Boussaid Junki Yokota	Tokyo Tech INSA Lyon Tokyo Tech