

3-2. AWARD

Atomic Energy Society of Japan Academic Achievement Award

Quantum Radiation Energy Research Section Hideaki Ohgaki (Professor)

Professor Hideaki Ohgaki was awarded the Academic Achievement Award from the Atomic Energy Society of Japan on September 11, 2025. This award is given to individuals who are members of the Society and have made outstanding achievements over many years or in various fields related to the peaceful use of nuclear energy. From the perspectives of essentiality, originality, and usefulness, this award recognizes outstanding achievements made through repeated efforts using appropriate processes to solve academic and technological challenges that have significantly contributed to the peaceful use of nuclear energy. Professor Hideaki Ohgaki was awarded this prize on the achievements in "Development and Application of Laser Compton Backscattering Gamma-ray".



Contribution Award (Accelerator and Beam Science Division, Atomic Energy Society of Japan)

Quantum Radiation Energy Research Section Hideaki Ohgaki (Professor)

Professor Hideaki Ohgaki was awarded the Contribution Award of Accelerator and Beam Science Division, Atomic Energy Society of Japan on March 13th, 2026.

The Accelerator and Beam Science Division Award, Atomic Energy Society of Japan was established to recognize individuals or groups who have made outstanding contributions to the development of the field of accelerator and beam science, with the aim of promoting further development in the future. "Contribution Award" is given to individuals or groups who have made outstanding academic or technical achievements in the field of accelerator and beam science. Professor Hideaki Ohgaki received this award for his outstanding achievements in "Generation and Application of Laser Compton Scattering Gamma rays and Mid-Infrared Free Electron Lasers."



Young Scientist Presentation Award in the 42nd Annual Meeting of the Japan Society of Plasma Science and Nuclear Fusion Research.

Complex Plasma Systems Research Section Tomoya Kawazu (M2)

The “Young Scientist Presentation Award” is presented to early-career and student members who deliver outstanding general presentations (oral or poster) that contribute to the advancement of academic fields related to the activities of the Japan Society of Plasma Science and Nuclear Fusion Research. Recipients are selected through a rigorous review process conducted by the Award Selection Committee, from research fields including plasma physics, plasma applications, fusion science, and reactor engineering.

Mr. Tomoya Kawazu (M2) participated in the 42nd Annual Meeting of the Japan Society of Plasma Science and Nuclear Fusion Research, where he presented a poster entitled “Plasma beta dependence of turbulent transport driven by trapped electron modes” and received the above-mentioned award. This study elucidates the characteristics of turbulence and turbulent transport in high-beta plasmas relevant to fusion burning conditions through numerical simulations, and provides valuable insights for the understanding and further development of Heliotron J experiments.



NT25 Poster Award

Functional Materials Science and Engineering Research Section Zhirui Liu (D2)

The 25th International Conference on the Science and Applications of Nanotubes and Low-Dimensional Materials was held on June 15th–20th, 2025 at Kyoto University. This conference provides worldwide researchers and students in the field of nanomaterials an opportunity to present their recent works.

Zhirui Liu (D2) attended and made a poster presentation on the topic of “Aggregation effect on exciton binding energies of single-chirality single-walled carbon nanotubes”. His presentation was highly evaluated, and received the NT25 Poster Award.

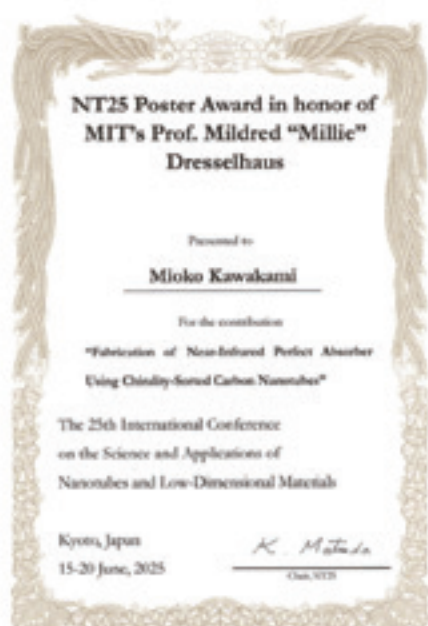


NT25 Poster Award in honor of MIT's Prof. "Millie" Dresselhaus

Functional Materials Science and Engineering Research Section Mioko Kawakami (D3)

The 25th International Conference on the Science and Applications of Nanotubes and Low-Dimensional Materials was held from June 15 to 20, 2025 at Kyoto University. This conference provides researchers and students from Japan and abroad with an opportunity to present their recent studies on nanomaterial science.

Mioko Kawakami (D3) attended the conference and made a presentation on the topic of "Fabrication of Near-Infrared Perfect Absorber Using Chirality-Sorted Carbon Nanotubes". Her presentation was highly evaluated, and she received the NT 25 Poster Award in honor of MIT's Prof. Mildred "Millie" Dresselhaus. This award is presented to the most outstanding poster presenter on each day of the poster session.



Young Scientist Poster Award

Functional Materials Science and Engineering Research Section Sota Takasu (M2)

The 69th Fullerenes-Nanotubes-Graphene General Symposium was held from September 24 to 26, 2025 at National Taiwan Normal University in Taipei, Taiwan. This conference provides researchers and students an opportunity to present their recent studies on nanomaterial science.

Sota Takasu (M2) attended and made a poster presentation on the topic of "Design and fabrication of carbon nanotube optical microcavity for thermal emission control". His presentation was highly evaluated, and he received the Young Scientist Poster Award. His research demonstrated that integrating structure-sorted carbon nanotube thin films into an optical microcavity enables spectral and directional control of thermal emission, providing a promising approach for efficient thermophotovoltaic energy conversion.



BEST POSTER AWARD (Japan-Southeast Asia Joint Research Center for Plastic Resource Recycling Kick-off Symposium)

**Green Catalysis and Material Conversion
Research Section
Zichen Peng (D1)**

The JSPS Core-to-Core Program “Japan-Southeast Asia Joint Research Center for Plastic Resource Recycling Kick-off Symposium” was held on December 1–2, 2025 at Osaka University. The symposium provided researchers and students working in the field of plastic resource recycling and related areas with an opportunity to present their latest research.

Zichen Peng (D1) participated in the symposium and presented a poster entitled “Conversion of Polyethylene to Valuable Chemicals by Catalytic Hydrogenolysis over Ru/La₂O₃-CeO₂”.

His presentation was highly regarded for its scientific quality and originality, and he received the Best Poster Award.



Best Poster Award at the KIFEE-12

**Chemical Reaction Complex Processes
Research Section
Wataru Moteki (JSPS PD)**

The 12th Kyoto International Forum for Environment and Energy was held on October 5–7th, 2025 at Reykjavík, Iceland. This event provides many researchers and students in the field of environment and energy an opportunity to present their works.

Wataru Moteki (JSPS PD) attended and made a poster presentation on the topic of “Electrochemical Formation of Highly Crystalline Si Films Using Thin Liquid Zn in Molten KF–KCl–K₂SiF₆”. He received the Best Poster Award.



Encouragement Award at the 3rd Kansai Electrochemical Research Association

**Chemical Reaction Complex Processes
Research Section
Hinako Yamamoto (M2)**

The 3rd Kansai Electrochemical Research Association, which was sponsored by the Kansai Branch of the Electrochemical Society of Japan, was held on December 6th, 2025 at Osaka Metropolitan University. This event aims to invite researchers in electrochemistry field as lecturers to provide participants with cutting-edge knowledge and offers attending students an opportunity to present their works.

Hinako Yamamoto (M2) attended and made a poster presentation on the topic of “The Effects of Fluoride Ions Concentration on Ti Film Electrodeposition in Molten LiCl–LiF”. She received Encouragement Award from the Kansai Branch of the Electrochemical Society of Japan.

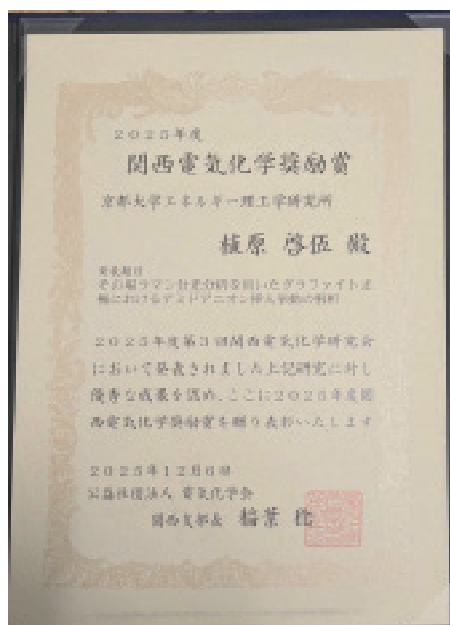


Encouragement Award at the 3rd Kansai Electrochemical Research Association

**Chemical Reaction Complex Processes
Research Section
Keigo Uehara (M2)**

The 3rd Kansai Electrochemical Research Association, which was sponsored by the Kansai Branch of the Electrochemical Society of Japan, was held on December 6th, 2025 at Osaka Metropolitan University. This event aims to invite researchers in electrochemistry field as lecturers to provide participants with cutting-edge knowledge and offers attending students an opportunity to present their works.

Keigo Uehara (M2) attended and made a poster presentation on the topic of “In-situ Raman Spectroscopic Analysis of Amide Anion Intercalation Behavior into Graphite Positive Electrode”. He received Encouragement Award from the Kansai Branch of the Electrochemical Society of Japan.



Best Student Presentation Award**Chemical Reaction Complex Processes
Research Section
Taisei Tsuzura (M1)**

The 93rd Electrochemical Society of Japan Annual Meeting was held on March 17–19th, 2026 at Tokyo University of Science. This meeting provides many researchers and students in the field of electrochemistry an opportunity to present their works.

Taisei Tsuzura (M1) attended and made a oral presentation on the topic of “Low Overpotential Hydrogen Evolution Behavior at RuO₂/Ni Electrodes in NaOH–KOH Hydrate Melts”. He received Best Student Presentation Award from the Electrochemical Society of Japan.

