Tsuruga International Symposium 2026

Discovering Nuclear Energy and Its Future

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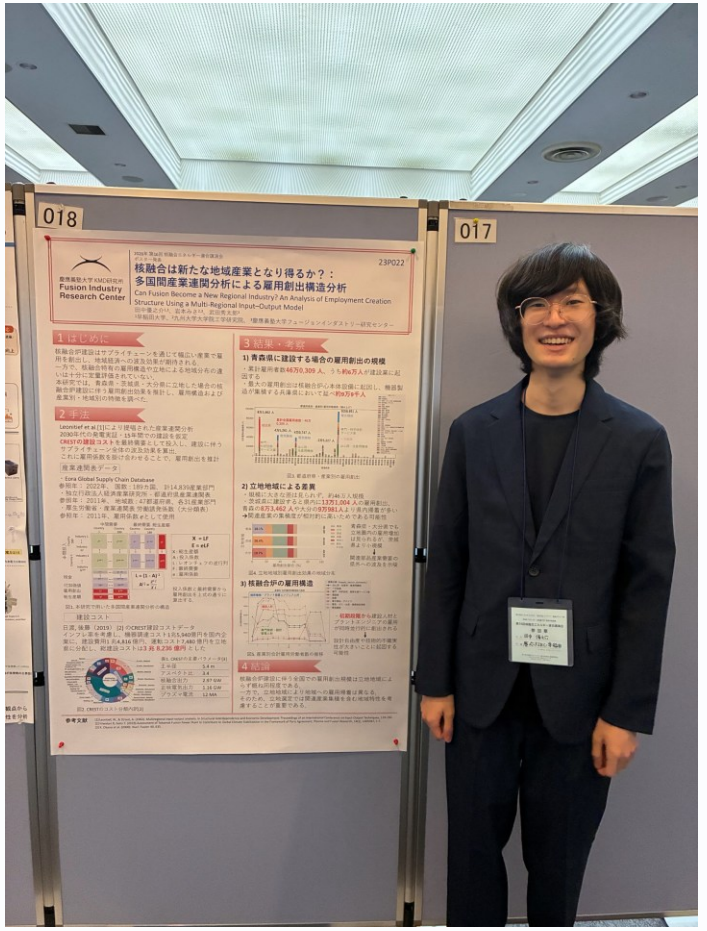
Self-Introduction

- **April 2025** — International Nuclear Science Olympiad (INSO) – National Selection
- **August 2025** — Won a gold medal at 2nd International Nuclear Science Olympiad
- **October 2025** — Speaker at the 20th JAEA Report Meeting
- **April 2026-** — Enrolled in the Department of Applied Physics, School of Advanced Science and Engineering, Waseda University
- **May 2026-** — Research Assistant at Keio FIRC
- **July 2026** — Presented a poster at the 16th Joint Conference for Fusion Energy
- **August 2026** — Summer trial enrollment in the 23rd Fusion Science Course
- **September 2026** — Attended the JAEA Summer Internship at the Ningyo-toge Environmental Engineering Center
- **September 2026** — ANEC Training Program at the Horonobe Underground Research Center and Other Facilities



Joint Conference for Fusion Energy

What is the International Nuclear Science Olympiad (INSO)?

- An international competition for high school students covering topics such as atoms and radiation, nuclear fission and fusion, safety, and the use of nuclear energy
- **An individual competition** in which participants compete independently, rather than as part of a national team
- Japan **participated in the competition for the first time in 2025**

Attended science Olympiads in other fields

→ Learned about INSO during the spring of my third year of high school

→ Selected as a Japanese representative

→ **Won a gold medal**



Future Goals and Challenges

Research

Nuclear fusion reactors / Core plasma / Societal implementation

Connecting with people

Sharing information and building unique connections

Vision for Future Nuclear Energy

I do not want nuclear energy to be ruled out as an option simply because of a lack of knowledge.

・Lack of opportunities to learn about nuclear energy

Few opportunities to explore the field before choosing a career path

・Prevalence of negative perceptions

Concerns about the risks associated with accidents and radiation

Thank you for your attention.

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