

Full Time Position for Professor
Department of Applied Energy, Graduate School of Engineering,
Nagoya University

[Department website] <https://www.energy.nagoya-u.ac.jp>

[Background of recruitment] The Department of Applied Energy, Graduate School of Engineering, Nagoya University, is seeking a professor who can conduct novel research on nuclear fusion energy.

[Job Description] We are looking for individuals who can lead a new research group and pioneer novel leads related to the utilization of nuclear fusion energy, **in terms of research, who can lead the research field described below focusing on practical implementation of nuclear fusion energy**, in terms of education, who can educate students having deep insight into the relationship between society and engineering and a global perspective, and in terms of management, who can cooperate with other faculty and commit to the management of the department, the Graduate School of Engineering, and the entire university.

[Research field] **Nuclear fusion engineering, Plasma physics for nuclear fusion, Nuclear fusion safety**

[Salary, working hours, and benefits] Salary, working hours, and benefits are determined in accordance with the provisions of the Tokai National Higher Education and Research System Employee Work Rules. Salary is determined based on annual salary system at Nagoya University.

[Educational background and degree required for application] Ph.D. / Doctor

[Work experience]

- Candidates must have sufficient research experience and strong enthusiasm/motivation in the above-mentioned fields.
- Can be actively involved in the administration of the **Undergraduate** Department of Energy Science and Engineering in undergraduate school and two related departments in graduate school, and be able to take charge of lectures, seminars, and student experiments related to Energy Science and Engineering. Candidates must also be able to supervise master's and doctoral students.

[Contract period] Tenured (Probationary period present: 6 months)

[Workplace] Furo-cho, Chikusa-ku, Nagoya 464-8603, Japan

[Starting date] April 1, 2027

[Application period] due September 30, 2026

[Application method]

1) Email: tomita.hideki.y5@f.mail.nagoya-u.ac.jp

2) Post:Hideki Tomita, Professor

Department of Applied Energy

Nagoya University

Furo-cho, Chikusa-ku, Nagoya 464-8603, JAPAN

Tel: +81 52 789 4695

[Application documents]

- (1) Curriculum vitae (free format. Please attach a recent photograph and be sure to include your contact phone number and e-mail address.)
- (2) List of research achievements:
 - 1 peer-reviewed original articles

- 2 international conference proceedings
- 3 books
- 4 reviews, commentaries, etc.,
- 5 patents
- 6 awards [domestic and international]
- 7 invited lectures [domestic and international]
- 8 external funding [only representative listed, categorized by type]
- 9 social contributions including academic activities
- 10 H-index (google scholar)

Please list all co-authors, with an “*” next to the corresponding author and an underline to your own.

For 1 through 9, please list the number of achievements or the total amount for each category.

- (3) Up to 5 major papers (please mark the list of research achievements in (2) above with a dagger “ † ”).
- (4) Summary of education and research to date (Up to 3 pages on A4 paper (any format))
- (5) Research plans after assuming post (Up to 3 pages on A4 paper (any format))
- (6) Aspirations for education and research (approximately 1 page on A4 paper (any format))
- (7) Names, affiliations, and contact information of 2 people who may be consulted for comments (one in Japan, one overseas)

[Selection] After screening the documents, an interview will be conducted.

[Notification of the result] The results will be announced after decision.

[Contact address]

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[Remarks]

- Nagoya University will actively hire women if they are deemed equal in terms of their achievements (including research achievements, educational achievements, social contributions, and character).
- Submitted documents will not be used for any purpose other than this selection process.
- Application documents will be disposed of responsibly by the Selection Committee and will not be returned. ·Transportation expenses for interviews will not be paid.
- In November 2021, with the clarification of the scope of control in “deemed exports” under the Foreign Exchange and Foreign Trade Act (Foreign Exchange Act), some of the provisions of sensitive technologies to faculty and staff at universities and research institutions became subject to control under the Foreign Exchange Act. As a result, when hiring, you will be required to submit a “Self-Declaration of Applicability” based on the “Flowchart for Determining Applicability of Type”. In addition, you will be required to submit a “Written Pledge” at the time of hiring.
- Our university is actively working to promote diversity and work-life balance. For more information, please see the following URL.

Gender Diversity Center website:

<https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/>

Diversity, Equity, Inclusion & Belonging (DEIB) Promotion Declaration:

<https://www.thers.ac.jp/about/declaration/deib/index.html>

·If you have had to suspend or delay your research activities in the past due to childbirth, childcare, nursing care, illness, etc., you can mention this on your resume. At our university, you will not be unfairly evaluated for mentioning this.

·For candidates with prior work experience in companies, the review will take their career history and expertise in non-academic fields into account.