

2025 Masaji Yoshikawa Memorial Prize for Fusion Energy

This award was established in 2007 by the Fusion Energy Forum of Japan as the “Fusion Energy Encouragement Award” to recognize outstanding work by young scientists and students who are expected to contribute to successful achievements in fusion research. In 2009, it was renamed the “Masaji Yoshikawa Prize for Fusion Energy.” In 2018, the title of the award has been changed to the “Masaji Yoshikawa Memorial Prize for Fusion Energy” to commemorate the late Dr. Masaji Yoshikawa. In March 2025, following the conclusion of the Fusion Energy Forum, this award will be newly taken over as a joint award of the Japan Society of Plasma Science and Nuclear Fusion Research (JSPF) and the Fusion Engineering Division of the Atomic Energy Society of Japan (AESJ), and will continue to be presented. Furthermore, it will be awarded biennially in conjunction with the Joint Conference for Fusion Energy.

We sincerely request applications from as many people as possible for this historic award.

(1) Objective

Promotion of scientific and technological research activities for nuclear fusion energy, including ITER and Broader Approach (BA) activities, as well as public or social initiatives, performed by younger generations (e.g. young scientists and students – see definition in 4).

(2) Eligible Activities

Scientific activities, categorized as either “Encouraging” or “Excellent”, performed by young scientist, engineer, student, teacher, scientific communicator, etc., which are related to:

- 1) Research and technology development activities directly related to ITER project or BA activities.
- 2) Research and technology development activities necessary for realization of fusion energy except for 1), or the basic and fundamental activities which are expected to contribute to 1) in future.
- 3) Investigation and research activities which contribute to the scenario development for realization of fusion energy or for solving energy and environment problem by application of fusion energy, from long time range viewpoint.
- 4) Cooperation with and contribution to the society, education, publicity and edification activities about the fusion energy and related research, development, utilization, practical usage and safety evaluation, etc.

(3) Certification

A testimonial

(4) Eligibility

Research scientists, graduate school students, engineers, teachers and science communicators younger than 40 years old on April 1, 2025 are eligible to apply.

(5) Selection of winners

A joint selection committee selected from the JSPF and the Nuclear Fusion Reactor Engineering Division, AESJ will conduct the review.

(6) Application

- 1) The applicants should apply the Prize by themselves.
- 2) Necessary documents to submit
 - Application forms (Attachment 1)
 - Curriculum Vitae summary, research objective, background, status, results, achievements, significance, contribution, and summary of activity plan.
 - A list of achievements and abstracts pertaining to major achievements.

It is recommended to insert figures and tables for better understanding. If the applied activities have been performed by group work, the applicant's role or function, origin of activity, and notable contribution should be described.

- Copies of major, important references described in Attachment 1
- 3) Way to submit documents

Convert all the documents to PDF files and send them by e-mail to the joint selection committee (yoshikawa-prize-committee@qst.go.jp) as attachments. Subject of the e-mail should be "Application to 2025 Masaji Yoshikawa Memorial Prize for Fusion Energy".
- 4) Deadline

The deadline of application is **December 25, 2025**.
- (7) Announcement and notification of the prize and the ceremony
 - Award Ceremony

After the selection, a notification will be sent to the prizewinners. The date that the prizes will be awarded will be provided in the notification. The award ceremony will be held during the 16th Joint Conference for Fusion Energy.

Masaji Yoshikawa Memorial Prize for Fusion Energy
Joint Selection Committee
e-mail:yoshikawa-prize-committee@qst.go.jp