



Third International Conference on Human Resource Development for Nuclear Power Programmes: Meeting Challenges to Ensure the Future Nuclear Workforce Capability

International Student Competition Announcement

Theme

Secondary school students are invited to design and run an original project on current or future impacts and applications of nuclear science and technology in our lives.

Projects should promote discussion and increase awareness around nuclear science and technology in their local communities. Students may wish to consider working with their national, regional, and/or local nuclear institutions, organizations, and facilities in implementing the project.

Students may refer to IAEA sources available on the IAEA website, documents and e-learning modules for ideas or scientific accuracy.

Participants

The competition is open to students aged 14-18, who are currently enrolled in secondary schools in IAEA Member States.

Teams must have at least three students but there is no upper limit to a team's size (although just three students per finalist team will be invited and supported to attend the conference). Preference will be given to teams with at least 50% female representation.

Teams may be composed of students from a single school, or from a number of schools working together.

Submissions

Participants will submit an abstract that describes the proposed project with the outline of what will be produced, motivation, methods, expected results and conclusions.

Shortlisted participants will be invited to submit a video (or digital media presentation) that describes the implementation and outcomes of the project.

Please note that:

- All abstracts must be in English
- Videos in a language other than English must have English subtitles

- Participants must send abstracts and videos by the deadlines¹ () to the following e-mail address: H.Hyun@iaea.org

A jury composed of the Conference Steering Committee Members (including IAEA staff) and representatives of the competition sponsors will review abstracts and videos to select the finalists.

Finalists

Five teams from the shortlisted group will be invited to present their project at the conference:

- Teams can participate either in person or via video-calling
- Each team will have a five minutes Q&A session on the project development process and on its content after their presentation
- Each team presenting their project live at the conference will be required to be accompanied by an adult professional teacher
- An international jury will select the winning team

Criteria

The selection criteria for the projects are:

- Projects should demonstrate an understanding of nuclear science and technology applications as it relates to their project
- Projects can combine theoretical and practical content in a creative way
- Abstracts should be no longer than 300 words
- Videos should be no longer than 3 minutes
- Content needs to be as scientifically accurate as possible
- The project should be originally created by identified student team members
- No copyrighted material (such as music, images or videos not created by student team members) can be used
- Teachers can be advisors only

Prizes

All finalist teams (represented by three students and one accompanying teacher per team) will be eligible for:

- Economy class round-trip ticket to the Republic of Korea
- Local transportation within the Republic of Korea
- Accommodation and living expenses during the stay in the Republic of Korea

¹ details on the conference website – <https://www.iaea.org/events/human-resource-development-conference-2018>

- Access to the conference and related technical visits
- Visits to local schools and institutions
- Local cultural visits
- Other expenses, as determined by organizers

The winning team will receive a prize.

Timeline

- **1 December 2017:** Participants submit abstracts
- **20 December 2017:** The IAEA notifies shortlisted participants
- **2 March 2018:** Shortlisted participants submit videos (or digital media presentations) of the project implementation
- **26 March 2018:** The IAEA notifies finalists
- **29/30 May 2018:** Finalist projects are presented at the conference and the winning team is announced
- **1 June 2018:** Finalist projects are available on IAEA social media