



International Conference on
**Nuclear Knowledge Management and Human Resources
Development:**
Challenges and Opportunities

15-19 June 2020, Moscow, Russian Federation

ANNOUNCEMENT

International Student Competition

THEME

Secondary school students are invited to design and run an original project on *the use of digital technologies to support education in nuclear technology and its role in addressing climate change.*

Projects should promote discussion and increase awareness around different ways in which digital technologies can be used for education in the field of nuclear technology including aspects of its role in addressing climate change, from a global or their local communities' perspective. 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 in the moment of application enrolled in secondary schools in IAEA Member States.

Teams should be composed of 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 financially supported to attend the conference). Preference will be given to gender balanced teams with 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, their motivation for choosing it, methods used, 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 deadlines listed below and on the conference website¹ to the following e-mail address: NKM-HRD2020@iaea.org

A jury composed of the Conference Programme Committee Members (including IAEA staff) 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 present either in person or via video-call
- 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 one or more ways in which digital technologies can be used to support education in nuclear technology
- Projects should demonstrate an understanding of at least one aspect in which nuclear technology can address climate change
- Projects can combine theoretical and practical content in a creative way
- Abstracts should be no longer than 300 words

¹ Details on the conference website:

<https://www.iaea.org/events/nkmhrd-2020>

- 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, unless obtained the appropriate permission

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 Russian federation
- Local transportation within the Russian federation
- Accommodation and living expenses in the Russian federation during the conference
- 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.

DEADLINES

- **31 January 2020:** Participants submit abstracts
- **28 February 2020:** The IAEA notifies shortlisted participants
- **20 March 2020:** Shortlisted participants submit videos (or digital media presentations) of the project implementation
- **3 April 2020:** The IAEA notifies finalists
- **17 June 2020:** Finalist projects are presented at the conference and the winning team is announced
- **19 June 2020:** Finalist projects are available on IAEA social media