



WNU Nuclear Olympiad 2019

In collaboration with IAEA and World Nuclear Association

Terms and conditions

1. The WNU Nuclear Olympiad 2019, hereafter referred to as the Nuclear Olympiad, aims to contribute to **effective public communication on nuclear science and technology**.
2. The Nuclear Olympiad is open to undergraduate and graduate students from any Faculty or School, aged 18 to 28 years old, and from all nationalities.
3. The Nuclear Olympiad is open to individual or group submissions. In case of group submissions, one team leader must be selected to represent the team in subsequent rounds.
4. Submissions, including video description, tags, interviews, written essay and oral presentation, **should be in English**; however, the video should be in the candidate country's official language and be **subtitled in English**. If there is more than one official language, the candidates should decide which to use.
5. The Nuclear Olympiad is not open to WNU secretariat and staff from collaborating institutions.

First Stage: create and promote a video

6. In the first stage of the Nuclear Olympiad, candidates should create an entertaining video of **up to 3 minutes**, related to any use of radiation sources and radiation generating equipment in medicine, space, generation of electricity, desalination, industry, agriculture, or consumer product, concerning specific aspects such as technology, environment, social, economics, energy planning, or business.
7. The video can be storytelling, interviews, or an animation, but should be easy to understand and avoid the use of scientific or technical jargon. The video should have a simple and clear message that a public audience with little or no nuclear knowledge will understand.
8. Create a title for the project that captures the message behind the video. Please do not include the candidate name and country in the title. Upload the video to YouTube, or YouKu in China, for public viewing, under the account that has your full name and with a description of up to 500 words, explaining the content of the video. The following terms should be included in the description: "radiation", "technology" and "WNU Nuclear Olympiad 2019".

9. Apply to the Nuclear Olympiad by sending an e-mail to wnu@world-nuclear.org with the subject: "WNU Nuclear Olympiad 2019" by **Friday, 10 May 2019, 17:00 UTC** with the following information:
 - a) Full name, LinkedIn address (or short bio with photo), e-mail, and mobile phone number of the team members, or individual. If the video is submitted by a team, please indicate who is the team leader;
 - b) Recommendation letter from a university professor. This letter should describe briefly how the professor knows the team leader and briefly describes the candidate's communication skills and leadership potential. The letter must contain full name of the professor, contact e-mail, telephone number and LinkedIn address (or short bio with photo);
 - c) Country/region;
 - d) URL for the YouTube or YouKu video;
 - e) A scanned copy of the team leader's or individual's valid university identity card with photo;
 - f) A short paragraph stating the educational background, professional ambitions, hobbies, and motivation to participate in the WNU Nuclear Olympiad.
10. The submitted videos will be analysed by the WNU Coordination Centre according to adherence to the theme, as described in item 6. Should a video not be accepted, the authors will be contacted as soon as possible.
11. WNU will post the accepted videos on the WNU website and social media for public vote. The voting system will be via a survey, its link will be provided by WNU, and the public voting will start on **Tuesday, 14 May 2019**. The candidates should promote their videos to get more votes.
12. On **Friday, 17 May 2019**, the jury panel will evaluate the videos according to the following criteria:
 - a) Impact - To have a powerful effect on the viewer;
 - b) Relevance - To be relevant to the current global situation and context;
 - c) Originality - To be original, creative and visually stimulating.
13. The winning video according to the jury panel will receive 4 points, the second will receive 3 points, and the third will receive 2 points. The others will receive one point from the judges.
14. At 10:00 UTC on **Tuesday, 11 June 2019**, the WNU will verify the result of the public votes. The authors of the 10 videos with the highest number of public votes will receive 1 point each in addition to the jury panel score.

Second stage: Interview

15. The candidates will be interviewed by telephone or video conference (e.g. WebEx or Skype) about the topic of their video. The duration of the interview is maximum 15 minutes and date of the interview will be from **11 to 14 June 2019**.

16. The interviewer will inform the candidates about the results of both public vote, as well as jury panel evaluation and check the following elements:
 - a) Knowledge - If the candidate demonstrates knowledge on the topic of the video.
 - b) Communication skills - If the candidate expresses thoughts clearly; is able to reply to the questions in a logical way; radiates enthusiasm; and is able to respond convincingly.
 - c) Motivation - If the candidate demonstrates an interest in further studies and working in the nuclear area, and shows a strong determination to proceed to the next stage of the Nuclear Olympiad.
17. The candidate shall lose maximum one point if he/she fails in any element of the interview. The candidate is out of the competition if he/she misses the interview appointment without previous justification.

Third Stage: Listen to the public

18. Write a report (maximum of 5 pages, including cover, photos, graphs and references) on the public opinion about nuclear science and technology in your country that includes reliable data with references, how the data was collected, conclusion and recommendations. It does not need to be related to the video.
19. This report should include preferably existing recent data about public opinion about nuclear science and technology in your country, like in research polls. For this part we suggest contacting national nuclear associations or related agencies that might have this information.
20. The candidates should also run a public survey using at least the following set of questions with a minimum of 100 respondents:
 - a) Country where you live in: [text]
 - b) Do you know what a radiopharmaceutical is? [yes/no].
 - c) Radiopharmaceuticals are radioactive drugs that can be used for diagnosis and therapy of diseases. Have you ever taken any radiopharmaceutical for medical diagnosis or treatment? [yes/ no]
 - d) Are radiopharmaceuticals produced in nuclear reactors or accelerators? [multiple choice: nuclear reactors; accelerators; some in reactors and others in accelerators; none]
 - e) Overall, do you strongly favor, somewhat favor, somewhat oppose, or strongly oppose the use of nuclear energy as one of the ways to provide electricity in your country? [multiple choice: strongly favor, somewhat favor, somewhat oppose, or strongly oppose]
 - i. If you oppose the use of nuclear energy, could you explain why? [text]
21. The report should be reviewed by the professor, who sent the recommendation letter.

22. The written report should be sent in pdf format to wnu@world-nuclear.org by no later than **Thursday, 15 August 2019, at 17:00 UTC.**
23. The jury panel will evaluate the reports according to the following criteria:
 - a) Comprehensibility of the text;
 - b) Logical structuring;
 - c) Well-developed data collection that is supported with specific evidence;
 - d) Creativity and innovative approach in providing the conclusions.
24. The winner of this stage will receive 5 points, the second place 4 points and the third place 3 points. The results will be informed to the candidates from **Friday, 13 September 2019.**

Fourth and Final stage: Oral presentation

25. The candidate's scores of the stages will be summed. The 3 finalists, who have received the highest score in total (maximum 10 points), plus their professors, will receive economy return travel and accommodation, in order to present their report orally within 5 minutes at the IAEA Headquarters in Vienna, Austria, alongside the IAEA International Symposium on Trends in Radiopharmaceuticals that will be held from **28 October to 1 November 2019.**
26. After the presentations, the evaluation of the final stage will be made by a jury panel, who will select the **WNU Nuclear Olympiad 2019 winner**, based on the following criteria:
 - a) Presentation of the main message within the time frame;
 - b) The visual aid material is attractive and understandable;
 - c) The presentation follows a logical sequence from introduction to conclusion with relevant and memorable "take home points";
 - d) The presentation is performed with eye contact with the audience and enthusiasm.
27. **The winner will be granted the travel, accommodation and free participation in a WNU Short Course "The World Nuclear Industry Today".**

Further terms and conditions

28. By applying for the Nuclear Olympiad, all participants agree to be bound by the present Terms and Conditions of the World Nuclear Association privacy policy.
29. By applying for the Nuclear Olympiad, all participants agree that their submissions to the Nuclear Olympiad might be used in the WNU promotional material.
30. Participants must make sure that they have the right to publish and distribute all the material in their videos, and provide references where appropriate. The WNU accepts no liability for the content or publication of video submissions to the Nuclear Olympiad.

31. The WNU reserves the right to disqualify any participants, who do not abide by the rules and regulations, or who are deemed by the competition judges to be acting unfairly, including plagiarism. WNU reserves the right to disqualify votes originating from non-human or questionable sources (bots/automatic computer generated votes).
32. The participants should inform WNU as soon as possible if they do not want to continue in the competition. If a participant cannot be contacted or does not have all supporting documents, he/she will not be considered for the next stages of the competition.
33. WNU and its collaborating organizations accept no liability for entries lost, damaged, or delayed.
34. There is no alternative prize to the Nuclear Olympiad award.
35. The jury panel decisions are final.
36. In the event of unforeseen circumstances, the WNU reserves the right to alter or amend the rules and regulations of the Nuclear Olympiad.