

REGULATIONS OF THE NATIONAL JONK FUERSCHER CONTEST 2021

(Version of Octobre 29, 2020)

1. Purpose of the national contest

The Jonk Fuerscher National Contest (hereafter: the national contest) – organised annually since 1971 by the Fondation Jeunes Scientifiques Luxembourg (hereafter: the Foundation) – offers young science enthusiasts the opportunity to present their work to the Luxembourg public in an internationally recognised competition, which further enables them to participate in prestigious competitions abroad.

Participation in the national contest stimulates young people's taste for research, inspires and encourages them to consider a job or a career in science and technology, and contributes to a knowledge-based future.



2. Organisation of the national contest

The Foundation is solely recognized as having the authority to organize a national contest for young scientists in the Grand Duchy of Luxembourg. It is recognized as being of public utility, has an agreement with the Ministry of National Education, Children and Youth, and is supported in its mission by the National Research Fund as well as by private sponsors. The Foundation is placed under the high patronage of His Royal Highness the Hereditary Grand Duke.

3. Conditions for admission to the national contest

- a. Young people residing in the Grand Duchy of Luxembourg or enrolled in an establishment approved by the Ministry of National Education, aged between 11 and 21 years old, presenting a research project (hereafter: project) in the fields of natural sciences, humanities or technology, are eligible to participate in the national contest.
- b. The project holder may be one individual student or a team of up to three students.
- c. The project may be multidisciplinary or interdisciplinary.
- d. Students may participate in the national contest several times, provided that their initial project undergoes a significant development or they present an entirely new project.
- e. Projects that are in any way considered to pose a risk to public health or safety are not eligible.
- f. Projects involving experiments on human beings or on animals (vertebrates or invertebrates) must comply with the legislation in force (Law of 27 June 2018 on the protection of animals; amended Grand-Ducal Regulation of 11 January 2013 on the protection of animals used for scientific purposes).
- g. Participation in the national contest is free of charge.



4. Prizes and awards

Within the Foundation's ability, each participant in the national contest will win a prize or receive an award.

If a participant is unable to accept a prize consisting of a stay abroad, they will not be able to claim it at a later date and the Foundation is entitled to designate a new beneficiary for the prize in question from the other participants of the contest.

5. Composition of the jury

The members of the jury as well as its president are appointed by the Board of Directors of the Foundation.

The Board of Directors of the Foundation ensures the aggregation of expertise in the disciplines of mathematics, earth and life sciences, industrial and technical sciences, physics and chemistry, as well as humanities and social sciences.

6. Duties and functioning of the jury

The task of the jury members is to evaluate the quality of the projects in question and to award prizes and rewards to the participants.

The decisions of the jury cannot be contested. However, each young person has the right to address the president of the jury for oral clarifications.

The jury exercises its mission on a voluntary basis.

7. Criteria for the evaluation of projects by the jury

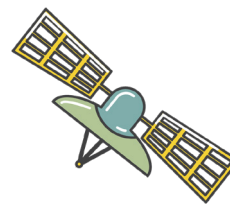
Each project is considered by the jury in its entirety.

The evaluation by the jury takes into account the following criteria:

- the originality of the subject matter;
- the clarity of the research question;
- the quality of the investigative approach (hypotheses, implementation, etc.);
- the care given to the completion of the work and the presentation of the report (structuring of the presentation);
- the personal involvement of the young scientist and his mastery of the subject;
- the societal interest;
- the partnership dimension;
- if applicable, teamwork.

The degree of difficulty of the project and the precociousness of the candidate are also to be considered.





8. Members of the jury

The jury of the national contest is composed of the following persons:

1. Mr Serge QUAZOTTI, director of the IPIL (Institut de la Propriété Intellectuelle Luxembourg), doctor in chemistry, president of the jury;
2. Ms Christelle BAHLOWANE, clinical research assistant (Luxembourg Institute of Health), specialist in molecular biology and microbiology;
3. Mr Janusz BODEK, historian;
4. Mr Yannick GAASCH, philosophy student;
5. Mr Jean-François HAUSMAN, group leader plant biotechnologies at LIST (Luxembourg Institute of Science and Technology);
6. Mr. Gilles Kohl, development lead and project engineer for PROCAD GmbH & Co.
7. Mr Emmanuel LIBEAU, IT engineer, Senior Manager Accenture
8. Ms Valérie MAQUIL, PhD in Computer Science, senior researcher at "IT for Innovative Services" at LIST
9. Mr Félix NOTHAR, graduate engineer in general mechanics, project engineer Accumalux;
10. Mr Philippe SERVAIS, PhD in pharmacy, dispensing pharmacist;
11. Mr Jacek STANKIEWICZ, Research Associate, University of Luxembourg;
12. Mr Sébastien WIERTZ, mechanical engineer, general manager of Paul Wurth InCub;

9. Presentation of projects to the jury

During the weekend of the national competition, the participants present their projects to the jury.

Each project holder has about ten minutes to present their project by means of a well argued presentation of the experiment, phenomenon or principle studied. These ten minutes include the time for answering the jury's questions.

Each project holder can be interviewed by one or more members of the jury.

10. Rights and commitments of the young scientists



Rights of the participants :

The Foundation will organise training to enable participants to learn how to manage and present their projects in a timely manner.

In specific cases, the Foundation can help participants acquire the necessary equipment for their projects.

The participants may choose to be supported by a tutor for their projects, and they may request the Foundation's help in finding a tutor, a professional, or a laboratory. However, the latter are not allowed to be involved in the realization of the project in question.



The tutors and the Foundation's team will be at the disposal of the applicants throughout the duration of their project in case they need help, all while respecting the limitations of the regulations above. In such a case, it is advisable to contact the Foundation team as soon as possible, by phone or in writing (e-mail, DM or by visiting the office).

Whenever possible, participants are given the opportunity to present their projects to an international audience at science fairs or competitions abroad, or to participate in a science-themed excursion, except in cases caused by circumstances beyond its reasonable control ("force majeure").¹

Commitments of the participants :

Young scientists wishing to participate in the national contest commit to respecting the provisions of the present regulations that concern them.

They register for the national contest in accordance with the procedure described below in article 13.

After having elaborated their project, they will describe it in a written document comprising between 1.500 and 3.000 words.

The projects are also to be illustrated on a poster, as well as through a digital presentation (PPT, PDF, Prezi, etc.) or a short video (provided as a viewing link, ie. YouTube, Vimeo, etc.).

They will facilitate their admission to the contest by regularly checking their email and responding diligently to the organiser's e-mails. The participants' presence is required for the entire duration of the event, except in cases of force majeure as determined by the Foundation.¹

Each laureate participating in an international event is required to submit a short report on their experience abroad upon their return

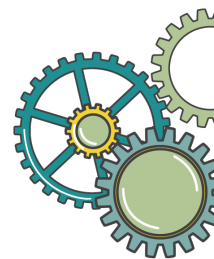
11. Conditions of exclusion

The Director of the Foundation reserves the right to exclude a student from the competition in the event of serious misconduct.

Serious misconduct is defined as :

- Being guilty of proven cheating, plagiarism or dishonesty of any kind, particularly in the development of their project;
- behaving disrespectfully towards others;
- continuously ignoring or violating instructions, despite a warning;
- being absent from the event without valid justification.

¹ All events beyond the control of the participants that could not be reasonably foreseen at the time of registration to the contest and whose effects cannot be avoided by appropriate measures, preventing the obligation to attend, are automatically recognized as force majeure. This list includes, but is not limited to: natural disasters, epidemics, pandemics.



12. National Jonk Fuerscher Contest 2021 schedule:

The preparations for the 2021 national Jonk Fuerscher contest include several steps:

- the registration process opens on Thursday, October 1, 2020 and lasts until Friday, February 12, 2021;
- Two information sessions will be organised at least three weeks before the contest (one in English and one in Luxembourgish), which will be held virtually via a live stream. It is highly recommended to participate in one of the two sessions, as they pose an excellent opportunity to ask any questions directly. These sessions will focus on the presentation of a scientific project in general as well as the protection of intellectual property. Details on the timing of these training sessions will be communicated in due course. Registration for the training will be done via registration@fjls.lu ;
- **Friday, March 26, 2021:** Launch of virtual platform. Installation of stands;
- **Saturday, March 27, 2021:** The national contest will take place at the Forum Geesseknäppchen (40, boulevard Pierre Dupong, Luxembourg) ;
- **Sunday, March 28, 2021:** The national contest will take place at the Forum Geesseknäppchen (40, boulevard Pierre Dupong, Luxembourg) ;
- **Monday, March 29, 2021:** awards and prizes will be presented to the laureates during a ceremony, taking into account the current health protocol ;

13. Registration procedure

- Registration for the 2021 national Jonk Fuerscher contest can be done online as of **Thursday, October 1, 2020**, via the contest platform on the Foundation's website: www.fjls.lu.
- When registering, each project holder (individual participant or team of a maximum of three participants) must complete the online pre-registration form.



After their pre-registration, the final registration form will invite the candidates to sign:

- a) the image rights and agreement form
- b) these regulations - duly approved and signed
- c) the project paper

- Minors need their parents or legal guardian to sign the form for them.

In summary, the following documents should be provided for a successful registration:

- the project paper, in PDF format, comprising between 1.500 and 3.000 words (words, not signs) excluding cover page and appendix (accepted languages: English, German, French and Luxembourgish);
- the pre-registration form duly completed;
- the image rights agreement form and the contest regulations, both signed;
- submission of a video of less than 5 minutes about the project or a digital presentation (PPT, PDF, Prezi, etc.).

As for the project paper, it must include :

- a cover page clearly identifying the project holder;
- an introduction;
- the targeted outcome, the methodology and the actual results;
- explanations (if needed), appendices and attachments that may help facilitate a better understanding of the project;
- a brief summary describing the subject in a succinct manner (in a sentence or two, not exceeding 140 characters without spaces).



Once all the documents listed above have been duly communicated to the Foundation, the project holder will receive an e-mail confirming their participation in the contest.

14. Logistics and organisation

During the activities directly related to the national contest, participants are taken care of by the Foundation for the entire duration of their required presence, both in terms of organisation and the resulting financial aspect (proposed activities, meals, etc.).

The participant themselves must take care of the logistics related to their research project (equipment etc.) and travel to the Geesseknäppchen Forum during the event.

For each project, the foundation will provide the material for setting up the stands :

- o 2 tables (80 cm x 80 cm) ;
- o Panels for the posters, namely:
 - either 2 panels of 2 m x 1 m
 - or 1 panel of 1,22 m x 1,74 m.



15. Stays abroad

- a. For any awarded international activities requiring a supervisor, said supervisor(s) will be appointed by the Foundation.
- b. Under no circumstances may the parents of the laureate in question be designated the "supervisor".
- c. Parents or legal guardians must ensure that the laureate in their charge is covered by health and liability insurance.



- d. Parents or legal guardians commit to provide all the necessary attestations for the participation of the laureate in activities abroad (valid passport, parental attestation, certificate of civil liability insurance, declaration of possible food intolerance or allergies, indication of a specific health problem, certification of any vaccinations required, etc.).

16. Responsibilities

The Foundation is responsible for the supervision of participants in the national contest.

Parents or legal guardians are responsible for any willful damage caused by a minor participant.

17. Rights of use

The participant owns and retains all intellectual property rights arising from their work.

If necessary, the Foundation may advise the participant to patent their project, upon proposal of the jury.

The Foundation is authorized to publish the project of a participant or a group of young scientists, either in full or in excerpts, mentioning its project holder.

The participant waives their image rights with regard to its dissemination by the media (photos, videos, press articles, interviews, etc.).



Read and approved on:

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Signature :

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