

Dear EUPhO 2021 team leaders,

The online edition of EuPhO-2021 will take place from 19th to 26th June. The first competition round will take place on 19th June; the second round will take place on 20th June. For the both rounds, teams will be given three options for the competition starting time: 7:00 GMT, 10:00 GMT, or 12:00 GMT. For the second round (virtual experiment), each student will need a laptop which is able to run the binary of the experimental round from EuPhO-2020, available here: https://eupho.ee/wp-content/uploads/2020/07/Exp_codes.zip.

For this online competition, the statutes of EuPhO will apply, cf.

https://www.ioc.ee/~kalda/iphoe/EuPhO/EuPhO_Statutes.pdf, except for §4 and §6.

Regulations additional to the Statutes, applicable only to this online edition of EuPhO are listed below.

1. The participation fee is 90€ per contestant for official teams, and 125€ per contestant for guest teams. The payment is to be made to: Estonian Physical Society (Address: W. Ostwaldi Str 1, 50411 Tartu, Estonia); IBAN: EE142200221066581957; Bank: Swedbank, 8 Liivalaia Street, 15040 Tallinn; SWIFT/BIC code HABAEE2X. Explanation: EuPhO fees for (country name). **Please pay by 10th June 2021. We ask you to fill in by 10th June also the contestants' and translators' registration form** <https://forms.gle/paLfFrkHauhs52j39>. Please contact us by e-mail (eurphol@gmail.com) if you need an extension of the deadline.

The participation fees will be used to cover the expenses of the organizational team, Academic Committee, and graders, as well as for the production of medals, T-shirts (unlike in 2020, this year each contestant will receive a T-shirt), and special awards. Leaders and observers can order their T-shirts at an additional cost of 10€ per T-shirt. If they opt to order additional T-shirts, the respective cost will be added to the participation fee of the team by default, but a separate receipt can be issued upon a special request.

2. The contestants of each national team together with a supervisor are asked to gather into a single room. The competition room should:

- have a good air ventilation;
- be big enough to ensure that the distance between the contestants is at least two meters;
- have a reliable Internet connection.

A printer for printing out the problem texts should be either in the competition room, or in its immediate neighbourhood.

From each competition room, a video stream is to be sent to the organizers (Academic Committee and volunteers) over a Zoom connection. The video frame should cover all the contestants and their desks, those leaders who are inside the room, and the entrances of the room. **Testing sessions for the zoom connections will be held on 17th June, 16:00 GMT.** Immediately after the test has been finished, the written test papers need to be scanned inside the competition room while the video stream is still active, and to be uploaded via web submission form (links of the forms will be sent later). From this point on, contestants can leave the meeting point of their team, and return to their homes.

Academic Committee and graders will grade the papers during the next three days, preliminary results will be announced not later than on 24th June, 6:00 GMT. Moderation request are to be submitted using web forms, directly by contestants themselves.

*Students are advised to make a self-grading based on the published grading schemes – this will help them when deciding if they need to submit a moderation request. **Moderation request submission will open on 24th June 6:00 GMT and close on 24th June 18:00 GMT.** Moderation requests will be considered in the order of their submission; considering all the requests is expected to be completed by 12:00 GMT, 25th June. A meeting for the leaders and will be held 18:00 GMT, 25th June, to review the results and to discuss various topics.*

Keeping in mind that moderation provides to the contestant already their second opportunity to explain how they solved the problem (the first one being their examination paper), this will be their only chance to appeal. Because of that, they are advised to be very clear and specific in their moderation requests and support their arguments with the grading scheme. Their request will be considered by two independent highly qualified graders who, if in difficulty in deciding, will discuss the issue with the head grader of the given problem. If a contestant is still not convinced with the response to his/her moderation request, he/she can turn in a re-appeal, but only through his/her team leader. The sole reason for a re-appeal can be that the student has followed an alternative solution which is not covered by the grading scheme. If the team leader agrees that there is, indeed, a novel correct solution, the contestant's solution follows that solution, and there is a ground to believe that the graders have not considered that novel solution properly, he/she can forward the re-appeal request to the head grader by not later than 25th June, 15:00 GMT. The re-appeal requests will be considered as soon as possible.

The closing ceremony will take place over Zoom on 26th June, 14:00 GMT. Electronic diplomas will be available immediately, medals will be produced after the announcement of the winners and sent together with the T-shirts by mail to the team leaders, tentatively at the end of July.

3. The experiment will be virtual, using a computer code (in the same way as during EuPhO-2020).

4. Translation of the problem texts will take place immediately before the beginning of the competition, over Zoom using Overleaf projects in the same way as it happened during EuPhO-2020. A test project at Overleaf will be available a few days beforehand.

On behalf of the Academic Committee,
Jaan Kalda