



Competition terms

Young Professionals Involvement (YPI)

Competition purpose

The YPI Competition (hereinafter – Competition) is held with the aim of young professionals community involving in the relevant scientific and practical problems discussion.

Competition description

Competition consists of two stages: absentee and personal. At the absentee stage, the expert commission directly evaluates the article submitted to the target conference. At the in-person stage, the pitch presentation is evaluated, which is recommended to be prepared purposefully for the final. Evaluation of competitive works is carried out by an expert commission specially created for the event. A special criteria scale is used to evaluate competitive works. These criteria must be taken as priority factors in the preparation of the work.

Main provisions

1. Anyone can take part in the Competition (hereinafter – Contestant) who simultaneously meets all the requirements for the Contestants.
2. Contestant must be a young professional, *i.e.*, a person who received the first higher professional education diploma no more than 15 years ago, from the moment of Competition submission.
3. Contestant must be the author of one of the authors of the article submitted to the target conference.
4. Contestant should not be a member of the current organizational or expert commissions of the Competition.
5. Submitting an article, the Contestant must express the desire to participate in the Competition, and also must agree with the following terms.

Competition rules

1. Submitting an article to a target conference, the Contestant must select the "Participate in YPI" option. Thus, the Contestant agrees with the Competition terms and expresses a desire to participate in it.
2. The work, which is considered by the Competition committee at the absentee stage, is an article submitted to the target conference and fully meets its requirements, both in formatting and in content.
3. The work that is considered by the expert commission at the in-person stage of the Competition is a pitch presentation prepared in accordance with the requirements of these Terms.
4. The Contestant work undergoes a standard peer-review procedure approved at the target conference. If a Contestant's work is rejected by reviewers or the program committee, then it will be excluded from the Competition.
5. In the case of the Contestant is accepted for a report at the conference, then work undergoes the procedure of absentee evaluation by the IEEE Young Professional Affinity Group experts. Based on the results of the correspondence assessment, the Contestant's work receives an entrance score.
6. Ten Contestants works that have the highest entry score, and at the same time exceeded the minimum passing score established by the commission, are recognized as Finalists.
7. The resulting evaluation of the Finalist's works is carried out by the commission based on the results of the report made by the Finalist at the target conference section. If the work was not presented, or if it was not presented by the Finalist, then it excluded from the next consideration and may no longer claim to the Competition.
8. Three Finalists who have received the highest final score are recognized as the Winners.
9. Only one work from the Contestant can enter the final stage. In the case if several works from one Contestant are submitted for consideration, then at the absentee stage, only one of them is selected to enter the Final, which has the highest score of assessment among other works of this Contestant.
10. The expert commission is guided by the open regulations when considering works and selecting Winners. The expert commission not disclosed to the Contestants.
11. The maximum number of winners in the Competition within one target conference is 3.
12. The list of target conferences, as well as the definition of the target conference, are given in Appendix 1.

Requirements for the Finalists pitch presentations

1. The title of the pitch presentation must be the same as that of the Finalist's work.
2. The pitch presentation should be a semantic continuation to the Finalist's work, which has passed the absentee assessment.
3. The pitch presentation must describe all the criteria by which the expert assessment is carried out.
4. Recommended time for pitch presentation at the Final: 5 minutes. The maximum allowed time for a speech at the Final: 390 seconds.

Expert commission regulations

1. Conducting an absentee assessment, the expert commission sets an entrance score for the Contestant's work according to the following criteria:
 - Relevance and novelty.
 - The importance of work in the real sector of the economy.
 - RTD potential.
 - Continuity of work and its upcoming.
 - Availability of stakeholders and partners.
2. Conducting the resulting assessment, the expert committee evaluates the work according to the above criteria, thereby specifying, supplementing, or verifying the entry score of the Contestant. Absentee and resulting assessment are independent processes, therefore, when setting the final score, the entrance score is not taken into account.
3. Experts for the absentee and final assessment may be different.
4. Each criterion given in the Terms is evaluated on a ten-point scale, by at least two experts of the IEEE Young Professional Affinity Group, thus forming a set of scores for a single criterion. Both the entrance and the final score are calculated using the formula:

$$M = \sum_i \bar{A}(C_i), \quad (1)$$

where M – entrance or final score, $\bar{A}(x)$ – arithmetic mean of set x , C – set of scores on the single criterion, i – criterion running number.

5. According to formula (1), the maximum score $M_{max} = 50$. The minimum passing score is determined by the commission after the Contestants' works acceptance completion and depends on the target conference, as well as on

the number of entries submitted to the Competition, but cannot be less than 20.

Competition results

1. Competition ends with the completion of the target conference.
2. The Winners are announced at the target conference closing ceremony, or on the day of its closing by an official information letter.
3. The Winners are awarded IEEE YPI certificates, as well as personalized certificates to receive a discount on registration fee payment for upcoming target conferences in the amount of 30% (hereinafter - the Certificate).
4. If Winner is a participant who already owns a certificate with a 30% discount, and also used it at the target conference where the Competition is organized, in which person was declared the Winner, then one receives a Certificate with a 60% discount.
5. Certificate gives the right to receive a discount when paying the registration fee at the target conference only to the person specified in the Certificate.
6. To use the Certificate, one must inform the organizers of the conference before making the payment.
7. Discount on the Certificate is provided only for one registration fee. After the discount has been granted, the Certificate is considered invalid.
8. The validity of the Certificate is 18 months from the date of its receipt.

Target Conference of the Competition is a conference that simultaneously meets both or one of the following requirements.

Target conference requirements:

1. The conference hosts the Competition.
2. Winner of the Competition may use the Certificate to pay the registration fee with a discount.

Target conferences

1. Ural-Siberian Conference on Biomedical Engineering, Radioelectronics and Information Technology (USBEREIT).
2. International Conference on Computational Technologies in Electrical and Electronics Engineering (SibirCON).
3. International Conference of Young Professionals in Electron Devices and Materials (EDM).
4. Ural-Siberian Conference on Computational Technologies in Cognitive Science, Genomics and Biomedicine (CSGB).