*Draft*

**Provisions of the International Competition of Students’ Projects**

**“Step into the Future – 2020”**

1. **General Provisions**
   1. The international competition of students’ project within the “Step into the Future” Program (hereinafter referred to as the “Competition”) is held within the framework of the section “Educational and Rehabilitation Technologies” of “Step into the Future” Olympiad at Bauman Moscow State Technical University (Russia).
   2. The main goals of the Competition are:

* Identification and development of creative abilities as well as the interest in research activities among the students;
* Involvement of young people in the research and development activities in various fields of science and art including the field of rehabilitation equipment, and devices for people with disabilities;
* Building of the key competencies, professionally important personal qualities and motivation for the practical use of university knowledge;
* Development of research and design skills in the field of educational and rehabilitation technologies in gifted students and young researchers with disabilities;
* Providing participants with the opportunity to see the works of their peers from other countries as well as the cultural exchange experience;
* Scientific education and focused professional orientation of young people.
  1. The Competition is organized by the “Head educational, research and methodological center for vocational rehabilitation of persons with disabilities” (GUIMC) of Bauman Moscow State Technical University (BMSTU).
  2. The management of the preparation and holding of the Competition is carried out by an Organizing Committee.
  3. The working languages of the competition are Russian and English. Participants may submit their works in any of the working languages. The communication of participants and experts during the Final of the Competition takes place with the involvement of professional translators from Russian into the participant's native language and back.
  4. Official informing of the Competition participants is carried out through a website page: <https://guimc.bmstu.ru/en/step-into-the-future/>.

1. **The Competition Participants**
   1. Students with disabilities from all over the world are invited to take part in the Competition as well as youth project teams consisting of students which must include at least one participant with a disability;
   2. The application for participation in the Competition should be submitted to the Organizing Committee no later than March 1, 2020 through the form on the official website page of the Competition <https://guimc.bmstu.ru/en/step-into-the-future/>;
   3. Participants whose projects have been checked for compliance by the Organizing Committee with the criteria stated in each nomination (see p. 3 of these Provisions) are invited to present their work in person or remotely at the Final of The Competition which will be held at the BMSTU ground on the 13th of March, 2020. No more than 10 works in each nomination are submitted to the Final (this number may be increased by decision of the Organizing Committee). The projects evaluation during the Final will be carried out by the Expert Jury which is formed from a number of specialists – representatives of the universities, whose students participate in the Competition.
   4. The number of participants from one educational organization is not limited.
2. **Nominations and Work Evaluation Criteria**
   1. In 2020, the Competition is held in the following nominations.
      1. *“The best project aimed at solving the problems of persons with disabilities”.* The projects that ensure an independent lifestyle for people with disabilities in various fields (education, employment, sports, leisure, etc.) are accepted to take part within this nomination. Projects can include: devices for the movement of people with limited mobility, technical means for teaching people with disabilities, technical means for performing labor functions, rehabilitation equipment, devices for working in the remote format, gadgets, applications for PCs and smartphones, technical means of communication, other assistive technologies etc. **The project in this nomination** **should have a Scientific Advisor**.

Evaluation criteria are:

* Relevance. The importance and relevance of solving a social problem marked by the author of the project.
* Novelty. How innovative the project is, how novel and promising the chosen tools are.
* Potential for use. The possibility of practical application of the proposed solution as well as the prospects for the commercialization and development of the project – the creation of related and new products or services.
* Social significance. The potential impact of the project on the solution of the stated social problem.
* The quality of the project presentation. The quality of the project description, the prepared PowerPoint presentations and the author’s speech.
  + 1. *“The best project in the field of design and contemporary art”*. The artistic works in the classical sense (drawing, painting, graphics, etc.) and also works the field of contemporary art and applied design are accepted to take part within this nomination. This stands for multimedia projects, concept designs of devices and mechanisms, interior design, interface design, animation and illustration, communication design, environment design, game design and virtual reality, fashion design, etc. The presence of a Scientific Advisor for projects in this nomination is not necessary.

Evaluation criteria are:

* Ingenuity of the idea; the creativeness of the approach;
* The way that the idea and the content and form of project match each other;
* Expressiveness and integrity of the composite solution;
* Accuracy, attention to the details;
* The quality of the presentation of the project (expressed in oral or different form).

1. **The Order of Application and the Timing of the Competition**.
   1. Each participant should fill out the form that is placed on the website page of the Competition (<https://guimc.bmstu.ru/en/step-into-the-future/>) before March 1, 2020. The form should contain the following information in English:

* Name and age of the author;
* Name of the institution and the course of the author (s);
* Name of the project, nomination;
* Name, position and degree of the scientific advisor;
* Brief description of the project;
* Participation format (live / online).
* Presentation in .pdf or .ppt format or other demo materials.
  1. The Final will take place on the 13th of March 2020. The exact time and a link for remote connection will be presented on the official website page of the Competition.
  2. The Final will be held in BMSTU, GUIMC Faculty premises.
  3. The mandatory pre-testing of the quality of video and sound for remote participants will be carried out no later than a week before the Final date. The date and time of testing shall be agreed on via email ([guimc@bmstu.ru](mailto:guimc@bmstu.ru)).
  4. The time for the performance of one participant of the Final is 20 minutes. This amount of time includes a complicated sequential translation scheme, which requires additional time and longer pauses between phrases, as well as 7 minutes for questions from the Jury. In this regard, participants are encouraged to rehearse a performance of no more than 7 minutes.

1. **Results and Rewards.**
   1. Evaluation of projects during the Final is carried out by an Expert Jury, which is formed from a number of specialists – representatives of universities, whose students participate in the Competition. Evaluation criteria for each of the nominations are presented in paragraph 3 of these Provisions. The materials received by the Organizing Committee upon application are also evaluated.
   2. According to the calculation of the total points gained by the participants a winner will be determined in each nomination. According to the decision of the Expert Jury, the number of winners in the nomination can be increased.
   3. The results of the Competition and the photo report will be published on the official web page of the Competition.
   4. According to the results of the competition, all participants will receive memorable prizes and diplomas of the competition; the winners will be awarded special prizes.