

PETER THE GREAT
SAINT-PETERSBURG POLYTECHNIC UNIVERSITY
INSTITUTE HUMANITIES
HIGH SCHOOL OF ENGINEERING PEDAGOGY, PSYCHOLOGY AND
APPLIED LINGUISTICS
together with the scientific consulting center "Kairos" (Tomsk)
and the Institute of Foreign Philology and Area Studies
North-Eastern Federal University
by M.K. Ammosov (Yakutsk)

Dear Colleagues!

In 2019, St. Petersburg Polytechnic University celebrated its 120th anniversary.

To commemorate the anniversary, the Humanitarian Institute invites you to take part in the joint international forum **“International and Interregional Integration in Engineering Education”**, including the scientific conference **“Integration of Engineering Education and Humanities: Global Intercultural Perspectives”** and the scientific symposium **“Arctic Languages: Linguistic and Linguodidactic research”**.

The forum will be held *on March 25-27, 2020* at Peter the Great St. Petersburg Polytechnic University, FGAOU at the address: St. Petersburg, street Polytechnicheskaya, 29 and in the FGAOU VO “North-Eastern Federal University by M.K. Ammosov ” at the address: Yakutsk, street Belinsky, 58.

The purpose of the forum: discussion and development of new scientific directions and concepts of integration of humanitarian and engineering education, cultural and linguistic development of students against the background of global changes in geopolitics, the increasing impact of the information and technological revolution of the late XX and early XXI century on the ecology and human life, the modern development of the Arctic designed to make a significant contribution to the implementation of the national project “Education” (2019-2024), aimed at providing a global competitive Russian education.

Forum tasks:

- present the results of domestic and foreign studies through the prism of the activities of scientific schools in the framework of five areas, each of which examines the identified models of integration of engineering education and the humanities - linguistic, sociological, psychological, educational, cultural,

information and communication, as well as two areas of research in the development of the languages of the peoples of the Arctic;

- to combine the efforts of scientists and teachers of Russian universities to systematize the identified trends in the field of integration of engineering education and the humanities, to complement and update the variability of scientific research on updating and supplementing the role of the humanities in the process of training a new type of engineer - divergent with a set of metacompetences understanding of the humanitarian component of any technological process;
- to set the momentum for new projects for the preparation of the Engineer of the Future, the formation of its professional and socio-cultural metacompetence in implementing the state policy of the Russian Federation in the area of a comfortable living environment and economic growth;
- to create conditions for the development of international and interregional integration in the field of engineering education and scientific cooperation with this area, to ensure the consolidation of the scientific pedagogical community to develop the concept of integration of engineering education and the humanities - the scientific rationale for the formation of the humanitarian block of metacompetences of the engineer of the future;
- to unite the scientific and progressive public in the development of the languages of the peoples of the Arctic, as a factor in the multi-ethnic community that has developed over the Arctic Circle;
- to spread new scientific achievements and educational technologies in the humanitarian and technical development of the peoples of the Arctic.

The conference will be organized in the framework of five areas of scientific discussions:

1. The linguistic direction of integration of engineering education and the humanities: the concept of integrated teaching foreign languages and professional disciplines in universities of Russia, Europe and America.
2. Sociological direction of integration: the formation of social (flexible) competencies among students of technical universities as a means of individual-personal development of future engineers.
3. Psychological and pedagogical direction of integration of engineering education and the humanities: technologies and methods of active learning in the training of future engineers.
4. Cultural direction of integration. Picture of the world of humanitarian and technical experts: cross-cultural analysis.

5. Information and communication direction of integration: Digital technologies in the system of higher education.

The work of the symposium will be organized within the framework of two directions of scientific discussions:

6. Linguistics: the idioms of the peoples of the Arctic;

7. Lingvodidaktics: teaching the idioms of the peoples of the Arctic.

We kindly request the authors of publications to indicate the number of the direction of scientific discussions of the forum!

To register for the international scientific forum “International and Interregional Integration in the Field of Engineering Education”, you need to go to the forum website at <http://humconf.spbstu.ru> and complete: 1) Application for participation in the International Forum; 2) the application form of the forum; 3) read the requirements for the design of articles.

According to the results of the forum, it is planned: the publication of a collection of conference materials and a symposium in the form of scientific articles in English in the collection “Lecture Notes in Networks & Systems” published by Springer Nature, based on an agreement with the NCC “Kairos”, and placed in the Scopus database.

Requirements for registration of articles for publication here:

<https://www.springer.com/us/authors-editors/conference-proceedings/conference-proceedings-guidelines>

Applications for remote webinars / trainings in Russian are being received for the preparation of publications in foreign publishers, for example in Springer Nature. For questions about accepting applications for webinars / trainings, contact the email address in Tomsk: kairos.event@yandex.ru

Working languages of the forum: Russian, English. Form of participation in the forum: full-time and correspondence.

The application for publication of the article and the abstract of the article should be submitted until September 30. Abstract and submission form (Springer) must be submitted through the platform in one document via the link <https://ocs.springer.com/misc/en/home/IEEHGIP2020>. The scientific article is also submitted through the platform before November 1, 2019. A copy of the application for publication of the article should be sent to the organizing committee, where participation in the conference / symposium is expected. E-mail addresses of the

organizing committee: in St. Petersburg humconf@spbstu.ru; in Yakutsk conf-sym25032020@mail.ru

Accepted publications are paid in the amount of 250 euros by authors or a group of co-authors for the publication of a single article. Details for payment will be presented to the authors along with confirmation of acceptance of the article. Scan the payment receipt to send an e-mail to fees.kairos@gmail.com

Applications for participation in a conference / symposium without publication of a scientific article should be sent by February 10, 2020 to the e-mail addresses of the organizing committee: in St. Petersburg humconf@spbstu.ru; in Yakutsk conf-sym25032020@mail.ru

For participation in the conference and symposium without publication of a scientific article, an organizational fee of 50 euros is provided. A request for the provision of payment details and a scan of the payment receipt should be sent to February 10, 2020 by e-mail: in St. Petersburg humconf@spbstu.ru; in Yakutsk conf-sym25032020@mail.ru

Additional information about the conference and symposium can be found on the websites of the Humanitarian Institute of Peter the Great St. Petersburg Polytechnic University; Institute of Foreign Philology and Regional Studies of the North-Eastern Federal University by M.K. Ammosov.

The organizing committee of the forum reserves the right to reject applications that do not reflect its problems, as well as to make editorial revisions of the text of articles in accordance with the principles of scientific ethics. In addition, all authors must provide the Organizing Committee with these checks of their article obtained in the Antiplagiat system.

Thank you for your interest in the Forum.

Chairman of the Organizing Committee:

Director of the Institute of Humanities SPbPU N.I. Almazova

Co-Chairs:

Director of the Higher School of Engineering Pedagogy, Psychology and Applied Linguistics T.A. Baranova

Professor of the Higher School of Engineering Pedagogy, Psychology and Applied Linguistics L.P. Khalyapina

Professor-researcher of the Institute of Foreign Philology and Regional Studies I.N. Novgorodov

Director of the Scientific Consulting Center "Kairos" Zh.S. Anikina