

# TUSUR

Ministry of Science and Higher Education  
of the Russian Federation

**Tomsk State University of  
Control Systems and Radioelectronics**

40 Lenina Prospect, Tomsk, Russia 634050  
[www.tusur.ru](http://www.tusur.ru)

Phone +7 (3822) 51 05 30  
Fax +7 (3822) 52 63 65  
E-mail: [office@tusur.ru](mailto:office@tusur.ru)

09.11.20 № 20/2999

On № \_\_\_\_\_ from \_\_\_\_\_

To: Educational organizations,  
government and administration authorities,  
TUSUR university partner institutions

## Call for Contributions

Dear Colleagues!

You are cordially invited to participate in the forthcoming XXI International Scientific Methodological Conference 'Modern Education: Competitive Potential of Universities' (NMK TUSUR-2021) that is scheduled to take place on January 28<sup>th</sup>-29<sup>th</sup> 2021 in Tomsk State University of Control Systems and Radioelectronics, with the further publications of materials in eLibrary (RINTs)

The conference will provide a platform for the following discussions:

1. Plenary sessions.
2. Paper presentation sessions.
3. Panel discussion 'Education Export'.
4. Presentation of recent teaching and educational materials.

The aim of the conference is to bring together the researchers and practitioners in order to exchange good practices and discuss mechanisms to enhance the competitiveness of universities in methodological, administrative, regulatory and pedagogical contexts. We welcome instructors from universities, vocational schools, colleges, lyceums, schools and other educational organizations; company representatives, government and administration authorities; learners (undergraduate and postgraduate students in co-authorship with their faculty).

Scientific program of the Conference will include the following thematic sections and subsections:

1. Tools to increase the attractiveness of educational services.
2. Employers and graduates: expectations vs reality.
3. 'Regulatory guillotine' in higher education.
4. Revealing the competitive advantages of educational programs.
  - 4.1. New methodological and organizational decisions aimed at creating relevant educational content.
  - 4.2. Teaching Mathematics: specific approaches for majors in human sciences and engineering.
  - 4.3. Innovative approaches to train competitive professionals in Language studies.
  - 4.4. Distance learning: teaching and interaction tools for students and instructors during COVID-19.
5. Education export.
6. Development of university infrastructure.

The deadline for contributions: November 27, 2020.

Publication requirements and all the information from the Organizing Committee for participants is available at Conference webpage <https://nmk.tusur.ru/> (see attached) or QR-code.

Consultations and cooperation issues: Nadezhda Yurievna Beiderova, +7(3822)53-30-75, [nadezhda.i.beiderova@tusur.ru](mailto:nadezhda.i.beiderova@tusur.ru), room 301, main building of TUSUR university (40 Lenina Prospect).



\* Depending on the epidemiological situation the format of the conference could be changed to the online.

Rector

Victor Rulevskiy

**Paper Format Guidelines for NMK TUSUR-2021**

For the Conference Proceedings only the original paper that has not been published in or submitted for consideration to other publications are accepted. The paper should contain methodological and practice-oriented research results and conclusions within the following sections and subsections:

<b>Section</b>	<b>Questions to be discussed</b>
1. Tools to increase the attractivity of educational services.	<ul style="list-style-type: none"> <li>– Education marketing as a tool to increase the competitiveness and to attract new learners.</li> <li>– Cooperation between educational organizations, companies, graduates and sponsors</li> <li>– Tools to attract, to motivate and to ensure professional development of the faculty, teaching practitioners and international instructors</li> </ul>
2. Employers and graduates: expectations vs reality	<ul style="list-style-type: none"> <li>– Graduates Employment Issues: opinions of employers, graduates and educational community</li> <li>– Tools to define the competences demanded at the labor market and methods to ensure their development</li> <li>– Organizing practices, practical studies and graduation qualification works in the context of practice-oriented and entrepreneurial training</li> <li>– Cooperation scenarios for employers and educational organizations</li> <li>– Role of Students' Business Incubators in the education process</li> <li>– Employer-sponsored education</li> </ul>
3. 'Regulatory guillotine' in higher education	<ul style="list-style-type: none"> <li>– Barriers for higher education development, caused by the gaps and limits of normative regulation, ways of their overcoming</li> <li>– State policy in higher education: trends vs realia</li> <li>– 'Control and punishments' vs 'Monitoring and development recommendations'</li> <li>– Role of education quality evaluation by external experts</li> </ul>
<b>4. Revealing the competitive advantages of educational programs.</b>	
4.1 New methodological and organizational decisions aimed at creating relevant educational content	<ul style="list-style-type: none"> <li>– Integration of higher and additional education, educational programs in engineering and human sciences</li> <li>– Law and human sciences studies in engineering university</li> <li>– Continuing learning as a factor of competitiveness</li> <li>– Prospects of peer-to-peer learning</li> </ul>
4.2 Teaching Mathematics: specific approaches for majors in human sciences and engineering	<ul style="list-style-type: none"> <li>– Continuous mathematical training: from school program through secondary vocational education to university course</li> <li>– Correlation of mathematical education with distance learning technologies, automation of educational process and the use of information technologies</li> <li>– Interaction between mathematical and natural sciences, professional and special disciplines; individual aspects in teaching mathematics within different education programs and mathematical categories</li> <li>– Hints to develop mathematical thinking; ways to increase students' motivation for mathematical disciplines; approaches to study mathematics based on psychological individualities of students</li> </ul>
4.3 Innovative approaches to train competitive professionals in Language studies	<ul style="list-style-type: none"> <li>– Teaching Russian language to international students as an indicator of the university competitiveness</li> <li>– Innovative approaches to train competitive professionals in Language studies: prospects and opportunities</li> <li>– Implementation of training programs aimed at improving the competences of university faculty in foreign languages</li> <li>– Quality assurance in teaching languages for students majoring in engineering</li> <li>– Organizing continuing language training according to educational paradigm 'school-university-enterprise'</li> </ul>
4.4 Distance learning: teaching and interaction tools for students and instructors during COVID-19	<ul style="list-style-type: none"> <li>– Efficient education technologies</li> <li>– Methods to increase learning motivation</li> <li>– Techniques to ensure quality control when developing students' competences within full time and distance learning programs</li> </ul>
5. Education export	<ul style="list-style-type: none"> <li>– Methodological and legal aspects of international cooperation between Russian and international institutions, including implementation of joint educational programs</li> <li>– Academic mobility for students and faculty</li> </ul>

	– Boosting joint fundamental research with influential international research centers
6. Development of university infrastructure	<ul style="list-style-type: none"> <li>– Development of competitive educational cluster: scientific, research, entrepreneurial, methodical, pedagogical and other structures</li> <li>– Creating non-barrier educational environment</li> <li>– Education environment: demands of students and teachers</li> <li>– Role of a library at a modern university</li> <li>– Extra-curricular and pedagogical activities of the university</li> <li>– University campus as a factor for improving the quality of education</li> </ul>

The contributions are to be submitted via <https://conf.tusur.ru/>. The submission should be accompanied by the paper attached as a .doc(x) file. File name: surname and initials of the first author (Ivanov A.A.doc). When updating the corrected versions of the paper, a new submission is not necessary, the updated version is to be attached after deleting the previous one.

### Paper Format Guidelines

<b>Publication Ethics</b>	For the Conference Proceedings only the original paper that has not been published in or submitted for consideration to other publications are accepted. Each paper should successfully pass a check for plagiarism (with at least 70% of original text). The authors are solely responsible for the authenticity of the content of their articles, for the compliance with ethical and legal regulations as well as for the consequences of their publication.
<b>Authors</b>	Conference papers accepted for publication can have up to four authors. One author can be a co-author of unlimited papers accepted for publication. One and the same paper can be accepted to only one conference section (subsection). Students' papers are accepted only in co-authorship with the university faculty.
<b>Language</b>	English/Russian language.
<b>Paper volume</b>	4-8 pages, including abstract, key words, references, any figures and tables.
<b>Content</b>	Topicality, problem statement, objectives of the research work, description and argumentation for the research methods chosen, research results and authors recommendations on their practical use.
<b>Structure</b> (use the paper template)	UDC, name, patronymic, last name of authors, abstract (not summary), key words, body of the paper, reference list entitled as <i>References</i> , authors information Then comes in English: last name and first name of authors, paper title, abstract, key words.  Information about the authors includes: last name, first name and patronymic, academic degree, academic title, position, organization, phone number, e-mail.
<b>Paper style</b>	Academic. Conversational style or professional jargon are not accepted.
<b>Paper formatting</b> (use the paper template)	<p>The text must be arranged in two columns, without hard return, with a single line spacing in Times New Roman (font size 10 pt), on one side of the A4 format. For convenience, authors may use the paper template with pre-defined formatting, via <a href="https://regulations.tusur.ru/documents/1067">https://regulations.tusur.ru/documents/1067</a>. The volume of a properly formatted paper must be no larger than eight pages.</p> <p>The paper must be consistent in its use of symbols and characters throughout the text, formulas, tables and figures. Cyrillic and Greek characters must be in regular upright type, and Roman characters (except for those included in regular words and their abbreviations, names of functions, software, companies and chemical formulas) must be in italic type.</p> <p>Formulas should be typed in Equation or Math Type editor (MS Word). Cyrillic text, Greek characters, mathematical symbols (+, -, *, =, brackets, ...) and digits should always be typed in regular upright type, and Roman characters denoting variables should be in italic type, except for those included in regular words and their abbreviations, names of functions, software, companies and chemical formulas (const, input; <math>\sin x(t)</math>; Uin; Ibx;Tz; H2O, Adobe Acrobat, Cisco, etc.); vector values should be in bold upright type (not italic) – A1, M(f). Formula templates can be found in the paper template.</p> <p>All designations and abbreviations must be explained when first used in the text.</p> <p>The paper must use the International System of Units (SI) and use the standard Russian designations separated by a single space (x, ГГц; 20 ГГц; T, град; 7 °C). In Russian-language papers, decimal numbers must be written with a comma (not a dot). All tables and figures must have appropriate headings (not full-text references copied from the body of the paper). (Fig. 1. Title; Table 1. Title). Large legends should be preferably included in</p>

	<p>the text. All headings and titles should be in Times New Roman (font size 9 pt), regular type, no italics, variables should be the same as in the text. All figures and tables should be referenced to in the text (... in Fig. 3, ... in Table 2).</p> <p>All figures and photographs should be in grayscale, sharp, hard, clean, grouped. Lines in charts and graphs should not be bold, grid lines should be clear. In Russian-language papers, units of measurement should be in Russian. In Russian-language papers, decimals should use commas (not dots). Figures should be executed in CorelDraw, Illustrator, Word, Visio and be editable.</p> <p>Illustrations should have not less than 300 dpi and no more than 600 dpi. Making image scale follow the main requirement: the illustration should be provided in the way that it allows legibility of any text written in Times New Roman, not smaller than 8-9 pt).</p> <p>All sources in the list of references should be referenced in the text (numbered in the textual order, e.g., [1, 2], [5–7]). All sources should be represented in accordance with GOST 7.1-2003 and GOST R 7.0.5-2008 and include all information necessary to identify the source: for non-periodical editions: last name and initials of the author, full title of the work, place of publication, name of publisher, year of publication, number of pages; for periodicals: last name and initials of the author, full title of the work, title of the journal, year of publication, volume, issue, page number.</p> <p>The list of references is required with the least of 5 recent Russian and international sources with authors references. It is recommended that the number of author's works referenced does not exceed 20% of the total number of sources.</p> <p><b>Not permitted:</b></p> <ul style="list-style-type: none"> <li>- pagination,</li> <li>- page break in the text,</li> <li>- paginal references,</li> <li>- automatic hyphenation,</li> <li>- sparse or compacted letter spacing.</li> </ul>
<b>Paper reviewing</b>	<p>All papers for NMK TUSUR-2021 are reviewed by the experts (specialists recognized by TUSUR University in the related field) and finally approved by the Editorial Board. After accepting, papers are checked to comply with the formal requirements and conference sections. Then papers are sent to a section moderator who is to make the following possible decisions:</p> <ol style="list-style-type: none"> <li>1) The paper is approved for publishing and presentation at the conference.</li> <li>2) The paper is approved for publishing and the author is invited as a presenter upon condition to make necessary corrections in accordance with the expert recommendations.</li> <li>3) The paper is not accepted for publishing and presenting at the conference.</li> </ol> <p>The Editorial Board do not discuss with the authors the reasons for paper rejections.</p>

For any organization related inquiries please contact Mrs. Nadezhda Yurievna Beiderova at [nadezhda.i.beiderova@tusur.ru](mailto:nadezhda.i.beiderova@tusur.ru) or by phone: +7 3822 533-075.

Mailing address: 634050, Tomsk, 40 Lenina prospect, office 301, attn. Organizing Committee NMK TUSUR-2021.

Detailed information is available at the official conference page <https://nmk.tusur.ru/> and QR-code



Sincerely,

Organizing Committee NMK TUSUR-2021