Институт
кибернетики
ТОМСКИЙ ПОЛИТЕХНИЧЕСКИЙ УНИВЕРСИТЕТ

# The 15the International Scientific-Practical Conference of Students, Post-graduates and Young Scientists
# Youth and Modern Information Technology

*RUSSIA, TOMSK, November 6-10, 2017*

## INFORMATION LETTER

The Institute of Cybernetics of the National Research Tomsk Polytechnic University invites you to participate in the 15th International Scientific-Practical Conference of Students, Post-graduates and Young Scientists "Youth and Modern Information Technology" (YMIT) on 6-10 November, 2017.

For 13 years, more than 3300 papers have been published in 13 conference proceedings and 2500 people have participated in the conference. Annually, more than 200 experts from 50 educational institutions representing neighboring and far-abroad countries get together to present their projects and innovations. The conference is a perfect platform for live communication where students, young researchers and scientists can share their ideas and experience in various fields of information technology. Students, post-graduates and young scientist under 35 are allowed to participate in the conference.

Since 2006 the YMIT Conference has been accredited within "U.M.N.I.K" program (Youth Science and Innovation Competition Participant). Over the years, the conference has repeatedly been supported by the Russian Foundation for Basic Research.

The participation is free.

### Important dates of the Conference and the Contest

- **15, June, 2017** – deadline for article submission for the conference.
- **16, June – 3, July, 2017** – notification of acceptance.
- **4, July – 25, August, 2017**– Submission of articles for publication in the collection of proceedings of the conference. Selected articles will be recommended for publication in journals indexed in the database Web of Science and SCOPUS.
- **6, November, 2017** – plenary session.
- **6-9, November, 2017** – conference sessions.
- **10, November, 2017** – closing session.

***If you wish to contact us for more detailed information, please send an e-mail to:***
http://portal.tpu.ru/ic/science/scientific_activities/msit.

## Conference sessions

1. Microprocessor systems, computer networks and telecommunications.
2. Mathematical modeling and computer analysis of data.
3. Automation and control in engineering systems.
4. Information technology in production and management.
5. Computer graphics and design.
6. Information technology in humanities and medical studies.
7. Information technology in mechanical engineering.
8. Geoinformation systems and technologies

## Conference Organizing Committee

### Chairman
Baidali S.A. — PhD, Director of the Institute of Cybernetics, TPU
Sonkin D.M. — Ph.D., Deputy Director for Development, TPU, co-chairman

### Members
Botygin I.A. — PhD, Associate Professor, Department of Information Systems and Technologies, IC, TPU, Chair of Session 1

Ivanov M.A. — Ph.D., Associate Professor, Department of Software Engineering IC, TPU, Chair of Session 2

Rudnickiy V.A. — Ph.D., Associate Professor, Department of Control Systems and Mechatronics IC, TPU, Chair of Session 3

Sherstnev V.S. — Ph.D., Associate Professor, Department of Information Systems and Technologies IC, TPU, Chair of Session 4

Zakharova A.A. — Dr., Professor, Department of Engineering Graphics and Industrial Design IC, TPU, Chair of Session 5

Berestneva O.G. — Dr., Professor, Department of Software Engineering IC, TPU, Chair of Session 6

Babaev A.S. — Ph.D., Associate Professor, Department of Mechanical Engineering and Industrial Robotics IC, TPU, Chair of Session 7

Markov N.G. — Dr., Professor, Department of Information Systems and Technologies IC, TPU, Chair of Session 8

Gerget O.M. — Ph.D., Head of Academic Services Office IC, TPU

Koroleva I.Yu. — Engineer, Science and Innovation Development Office IC, TPU

Mytsko E.A. — Research Assistant, Department of Information Systems and Technologies, IC, TPU

## Conference secretary

Sergey Mihalevich, Ph.D.
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**E-mail:** msit@tpu.ru
**Web-сайт:** msit.tpu.ru

## Registration and participation

You need to go through a three-step procedure to participate in the conference.

**Step 1.** Register by filling in the requested information on the conference site, send the application form. The deadline is **15, June, 2017.** If you have any technical problems or queries, please do not hesitate to send an email to msit@tpu.ru.

**Step 2.** Send your paper to the e-mail: msit@tpu.ru. The deadline is **25, August, 2017.** The best presented reports (no more than 2 per section) will be recommended by the Organizing Committee of the conference for publication in journals Cybernetics and Systems Analysis and Programming and Computer Software indexed in Scopus and Web of Science database (publication type: article).

**Step 3.** Ensure active participation in the conference procedures. Best papers will be awarded with diplomas and prizes.

**Note!** Selected papers presented at the conference will be published as electronic conference proceedings after the conference completion in December, 2017. ISBN and national classification numbers will be assigned to them.

## Paper preparation and submission

The official languages of the event are Russian and English. Papers can be written both in Russian and English.

Authors need to upload their paper in **.doc** or **.docx** formats via the website of the conference. The file name can include the author's name or initials and some words from the paper's name (avoiding spaces, using numbers and Latin script).

**Submission guidelines** are available at the conference website: http://portal.tpu.ru/ic/science/scientific_activities/msit.

The paper shall consist of **two A4 pages,** including figures and tables, with margins of 25 mm on all sides. The title of the paper should be typed in **Times New Roman, 12 pt**., bold, capital letters, the main text in **Times New Roman**, **10 pt.**

The next line under the title contains each author's surname and initials, separated by commas; the next line contains the reference to supervisor or supervisors (the number of co-authors is no more than 4, including supervisors). The institutional affiliation where the work has been done is indicated on the next line, along with corresponding author's email address. All the above indicated lines are centered (not columns).

The main text should be fully justified and positioned in two columns, with a 6 mm gutter between columns, a first-line indentation of 5 mm and single-spaced interlines.

Illustrations should be black and white and have a caption (e.g. Fig.1. Caption; Table 1. Caption). Figures must be embedded into the text. Please ensure that all figures are of 300 DPI resolutions as this will facilitate good output. Equations and formulae should be typed in Mathtype or MS Equation Editor. Make sure that you use default symbol sizes.

You are strongly advised to avoid footnotes/endnotes placed by default MS Word features, as well as applying formatting styles which are not presented in sample papers on the conference site.

The reference list should conform to CIS (GOST) – 7.1-03. References are cited in the text in square brackets.

*For more information concerning paper layout, visit* http://portal.tpu.ru/ic/science/scientific_activities/msit.

**Papers do not move through peer-review, so authors and their supervisors are fully responsible for scientific content, writing style and possible errors of the submitted reports.**

Editorial board can reject papers sent later than 15$^{th}$ June, 2016 or the textual versions of which were received after August 25, 2017 or the ones not conforming to the specifications or lacking scientific novelty.