

HEAD OF THE PROGRAM COMMITTEE

Hennadii Oborskyi	professor, rector of Odessa National Polytechnic University (ONPU), the Ukraine Academy of Engineering Sciences Member, honored Worker of the National Education of Ukraine
-------------------	---

PROGRAM COMMITTEE

Sergiy Nesterenko	professor, vice-rector for scientific and pedagogical, and educational work of ONPU
Svitlana Antoshuk	professor, director of the Institute of Computer Systems (ICS) ONPU
Elena Arsiriy	professor, head of the information systems department, ICS ONPU
Oksana Babilunga	associate professor of the information systems department, ICS ONPU
Oleksandr Blazhko	associate professor of the systems software department, ICS ONPU
Volodymyr Vychuzhanin	professor, head of the information technology department, ICS ONPU
Olexander Drozd	professor of the computer intellectual systems and networks department, ICS ONPU
Viktor Krisilov	professor, head of the systems software department, ICS ONPU
Mikhail Lobachev	professor, head of the project design in IT department, ICS ONPU
Stanislav Marulin	PhD, assistant professor of the systems software department, ONPU
Sergiy Polozhaenko	professor, head of the computer management systems department, ICS ONPU
Valery Sitnikov	professor, head of the computer systems department, ICS ONPU
Viktoria Ruvinska	professor of the systems software department, ICS ONPU
Ruslan Shaporin	associate professor, head of the computer intellectual systems and networks department, ICS ONPU
Birute Yukhimenko	professor, head of the applied mathematics and information technologies department, ICS ONPU
Olena Vlasenko	Wyższa Szkoła Bankowa we Wrocławiu, Polska

Volodymyr Brovkov	professor of the University of Applied Sciences, Berlin, Germany
Thorsten Schöler	professor of the University of Applied Science, Augsburg, Germany
Volker Herwig	professor of the University of applied sciences in Erfurt, Germany
Jürgen Sieck	professor of the University of applied sciences of Berlin, Germany
Olga Dziabenko	research project coordinator at Deusto LearningLab, University of Deusto, Spain
Katarzyna Gdowska	PhD, department of Operations Research, AGH University of Science and Technology, Krakow, Poland

ORGANIZATION COMMITTEE

Nadegda Beglova	head of the laboratory "R-Navigator", ONPU
Igor Blinov	vice-director of ICS ONPU
Nikolay Kuznecov	vice-director of ICS ONPU

PRINTED MATERIALS

Participation fee **10 EURO for one publication**.
Book of abstracts will be published before the beginning of the conference.
The fee should be paid after you get an e-mail with notification of your paper acceptance.
Confirmation of payment is a scanned copy of the payment receipt, sent to the e-mail: mit.odessa@gmail.com.
Program of the conference and book of abstracts will be given out to the conference participants during the registration or sent by post.
After the conference authors of the best papers, recommended by the program committee will be offered to publish their works in the scientific journal "Herald of Advanced Information Technology" - <https://hait.opu.ua/>.

ONLINE PART

For the participants who stated online participation will be organized Skype-conference mode.

CONTACTS

Post address:
1, Shevchenko av., ONPU, ICS ,65044, Odessa, Ukraine

Contact persons
+38 (050) 846-34-08 – Oleksandr Blazhko
+38 (067) 904-09-02 – Svitlana Antoshuk
+38 (095) 681-82-68 – Stanislav Marulin

E-mail: mit.odessa@gmail.com

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE ODESSA NATIONAL POLYTECHNIC UNIVERSITY Institute of Computer Systems

IX INTERNATIONAL SCIENTIFIC CONFERENCE OF STUDENTS AND YOUNG RESEARCHERS

ASSIGNED TO 55TH ANNIVERSARY
OF COMPUTER SYSTEM INSTITUTE



"Modern Information Technology 2019"

<http://ics-conf.com>



23-24 May 2019
Odessa, Ukraine

AREAS OF CONFERENCE WORK

1. SOFTWARE ENGINEERING

- Methodologies and technologies of software development
- Quality assurance of software systems
- Computer Systems Databases
- Methods and means of data mining
- Analysis of big data
- Protection of the information in computer systems

2. COMPUTER SYSTEMS AND NETWORKS DESIGN AND DIAGNOSTICS

- Computer distributed systems and networks
- Intellectual computer systems
- Control, reliability and guarantee of computer systems
- Highly productive parallel computer systems

3. MATHEMATICAL SIMULATION OF TECHNOLOGICAL PROCESSES

- Mathematical simulation of technological processes
- Applied Mathematics
- Systems analysis and optimal decision theory
- Adaptive systems
- Decision making in risk and uncertainty
- Electromechanical systems control
- Research and design of electromechanical converters
- Modern systems of power supply and energy saving

4. INFORMATION SYSTEMS AND DATA ANALYSIS

- Information technology in automated systems of data processing and saving
- Methods and algorithms of image recognition of objects and processes
- Artificial intelligence systems and neural networks
- 3D modeling and stereo visualization
- Wireless information and communication technology

5. COMPUTER AND ROBOTOTECHNIC SYSTEMS AND COMPONENTS

- Components of computer and robototechnic systems
- Signals and images processing
- Specialized computer systems and platforms
- Robototechnic systems design and modeling
- Programming of computer and robototechnic systems
- Cognitive and intellectual systems in robotics

6. COMPUTER GAME SYSTEMS

- Gamification of socio-cultural and business processes
- Design of computer games
- Computer graphics and modeling of physical processes
- Computer games in education

WORKING LANGUAGES

Working languages of the conference are **Ukrainian, Russian and English**

IMPORTANT DATES

20 April 2019:

Deadline for paper submission

1 May 2019:

Deadline for notification of paper acceptance or rejection

5 May 2019:

Fee payment deadline


FEE PAYMENT DETAILS

TERMS OF APPLICATION AND ABSTRACT PREPARATION

1. Application and abstracts submitted **TOGETHER!**
2. Before you create an application you should issue abstracts according to a pattern located on the site: <http://opu.ua/mit/> file “**Template**”.
3. To apply and abstracts you should follow the link: <https://form.jotformeu.com/70191425383353>.
4. **Strictly 2 pages** of text are acceptable (it is allowed to leave empty not more than 3 lines on the second page).
5. Text ought to be done in MS Word (*.doc).
6. All images should be done in black and white or grey colours.
7. Name of the file with paper must contain name of the first author and number of the section (e.g., **Ivanov5.doc**).
8. Presentation materials ought to be prepared in electronic version either in PowerPoint 2000/XP/2003 or **PDF**.
9. In case of paper lay-out violation organization committee reserves the right to reject the paper.


HOW TO GET TO THE UNIVERSITY

From the main bus terminal

 Fixed-run taxi: 198, 208

Until the stop “Polytechnic University”

From the railway station

 Fixed-run taxi: 242, 198, 208, 129

 Trolleybus : 7

Until the stop “Polytechnic University”

