XX International Scientific and Technical Conference
ARTIFICIAL INTELLIGENCE AND INTELLIGENT SYSTEMS
(AIIS'2020)

November 27, 2020, Kyiv, Ukraine

ORGANIZED BY

- Ministry of Education and Science of Ukraine
- National Academy of Sciences of Ukraine
- Institute for artificial intelligence problems
- Taras Shevchenko National University of Kyiv, Faculty of computer science and cybernetics
- Belarusian State University, Research Institute for applied problems of mathematics and informatics of BSU
- Brest State Technical university
- Lublin University of Technology, Lublin, Poland
- "Soft Xpansion GmbH & Co. KG." Firm, Bochum, Germany
- Institute of Information and Computational Technologies of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan

DEAR COLLEAGUES!

We invite you to take part in the International Scientific and Technical Conference "ARTIFICIAL INTELLIGENCE AND INTELLECTUAL SYSTEMS" (AIIS'2020), which will be held on November 27 in Kyiv at the Faculty of Computer Science and Cybernetics, Taras Kyiv National University.

In order to implement anti-epidemiological measures to prevent the spread of COVID-19 in Ukraine, all participants living outside of Kyiv are invited to participate in an online format. Online presentations will be heard by participants according to the conference program (using Zoom software).

AIM OF THE CONFERENCE

Through the Conference we aim to establish contacts and joint efforts of scientists to develop the investigation and research in the field of artificial intelligence, priority areas of developing the intelligent information systems, information and communication technologies and their implementation in different activities and also to provide opportunities for young scientists to test their scientific results.

WORKING LANGUAGES OF THE CONFERENCE: Ukrainian, English, Russian.

Materials for publication are accepted in English.

THE TOPICS

1. **Conceptual, philosophical and methodological problems of creating artificial intelligence systems.**

2. **Strategy for the development of artificial intelligence in Ukraine. Artificial personality with artificial intelligence.**

3. **Human-machine interfaces.**

4. **Knowledge-oriented decision support systems.**

5. **Intelligent robotic and transport systems.**

6. **E-learning technologies.**

7. **Neural networks and neural network technologies. Information systems security issues.**

8. **Cyberphysical systems.**

9. **Algorithmic and software of intelligent systems.**

MAIN DEADLINES

Submission of applications for participation – ~~10.10.2020 р.~~ **till 31.10.2020**
Submission of reports – ~~31.10.2020 р.~~ **till 20.11.2020**
Sending invitations (on request) – till 17.11.2020

In connection with online mode of the AIIS'2020 conference, PARTICIPATION in the conference and publication of articles in the international journal "Artificial Intelligence" is FREE

PUBLICATIONS

Proceedings of the Conference as the papers, which will be selected by the program committee and the editorial board, will be published in the journal "Artificial Intelligence" (the special edition of physics & mathematics and engineering sciences).

You can submit the application form and the proceedings by the registration form **http://ipai.net.ua/en/aiis2020en** and articles by e-mail: **aiis2015b@gmail.com**

Instruction for preparation of papers

An article of up to 15 pages, prepared in a text editor Microsoft Word Office in .doc format, is submitted in electronic form. Formulas, as well as individual formula elements in Microsoft Equation Editor 3.0; tables, figures and graphs are arranged in the order of mention in the text; drawings are grouped, in black and white.
Article file title template: surname of the first author in **Latin_AIIS_2020.doc**.
To see how to prepare the papers please click here **(http://ipai.net.ua/docs/Shablon.doc)**

The following documents must be submitted together with the paper (for participants from Ukraine):
1. The cover letter of the enterprise containing the recommendation for publication.
2. The review which was done by the expert – the doctor of science in a relevant field and certified by the official stamp.
3. Authors' information (full name, scientific degree, academic title, work place, position, address, telephone, e-mail).

POSTAL ADDRESS OF ORGANIZING COMMITTEE

IAIP, office 5, 5/11, Mala Zhytomyrska Str., City of Kyiv, Ukraine 01001
Phone for more information: +38(044) 248-06-23,   +38(050)071-01-20, +38(095) 459-33-79
E-mail: aiis2015b@gmail.com   **Web-site:** http://www.ipai.net.ua