

PROGRAM COMMITTEE

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G. Setlak (Poland),
Yu. Teslya (Ukraine),
A. Tymchenko (Ukraine),
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S. Shtovba (Ukraine).

ORGANIZING COMMITTEE

Yu. Teslya (co-chair); V. Snytyuk (co-chair);
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S. Hamotska; O. Vlasenko;
O. Ilarionov.

Responsible secretary:
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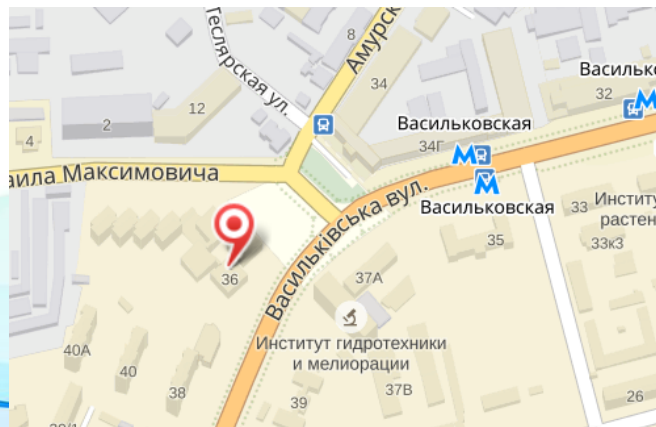
SATELLITE CONFERENCE «IT-EDUCATION IN UKRAINE: PROBLEMS AND PERSPECTIVES» TOPICS

- standard training industry professionals knowledge 12 «Information technologies»;
- technologies of e-learning and blended learning;
- teamplay of IT-education and IT-business organization;
- special aspects of personnel policy into IT-education and IT-business organization;
- IT-education: university degree or professional?

CONFERENCE LOCATION

Institute of Continuing Education Taras Shevchenko National University of Kyiv

Ukraine, 03022, Kyiv,
36 Vasyl'kivs'ka Str.
(MRT station «Vasyl'kivs'ka»)



MINISTRY OF EDUCATION AND SCIENCE OF
UKRAINE
TARAS SHEVCHENKO NATIONAL
UNIVERSITY OF KYIV
NATIONAL TECHNICAL UNIVERSITY OF
UKRAINE «IGOR SIKORSKY KYIV
POLYTECHNIC INSTITUTE»
CHERKASY STATE TECHNOLOGICAL
UNIVERSITY

CALL FOR PAPERS

Fourth International Conference

«COMPUTATIONAL INTELLIGENCE» (Results, Problems and Perspectives)

May 16-18 2017
Kyiv, Ukraine

Satellite Conference
**«IT-education in Ukraine:
Problems and Perspectives»**

ComInt Computational Intelligence
2017

DEAR COLLEAGUES,

We invite you to participate in the 4th International Conference «Computational Intelligence 2017 (Results, Problems and Perspectives)», which will be held on May 16-18 2017 in Kyiv, Ukraine.

CONFERENCE GOAL

Conference is the international meeting of scientists, teachers, graduate students and businessman on the basis of Institute of Continuing Education of Taras Shevchenko National University of Kyiv . It is devoted to discussion of results, problems and perspectives of intelligent computing and integration of information technologies in the area of intelligent computing.

CONFERENCE TOPICS

1. Methodological aspects of intelligent computing:

- philosophy of intelligent computing;
- philosophical aspects of artificial intelligence;
- conceptual problems of intelligent computing;
- state-of-the-art, problems and perspectives of intelligent computing.

2. Theoretical aspects of intelligent computing:

- classification systems and pattern recognition;
- cooperative and memetic algorithms;
- data mining;
- distributed evolutionary algorithms;
- DNA computing;
- evolutionary programming;
- expert systems;
- fractals;
- fuzzy logic inference;
- fuzzy logical systems;
- fuzzy neural networks;
- genetic algorithms;
- genetic expression programming;
- genetic programming;
- hybrid intelligent technologies;
- intelligent agents and multi-agent systems;
- intelligent immune systems;
- knowledge based systems;
- knowledge representation and knowledge management;

- machine learning and self-learning;
- metaheuristics;
- neural nets and growing nets;
- swarm and symbiotic algorithms;
- wavelets.

3. Applied use of intelligent computing:

- in socio-economic sphere;
- in bioinformatics;
- in business and finance;
- for image processing and language signals;
- in natural language applications;
- in learning systems and knowledge control systems;
- in Web systems and applications;
- in systems of machine and computer vision;
- in medicine;
- in armed forces;
- in robotics and data protection;
- in the industry;
- in energy sector;
- in education and research;
- in decision support systems;
- in computer systems and nets;
- at forecasting and prevention of emergency situations.

It is planned to conduct satellite conferences and schools of famous scientists.

Official languages of the Conference are Ukrainian, Russian and English.

DEADLINES

March 19, 2017 – deadline for camera-ready paper and application form submission;

March 26, 2017 – notification of paper acceptance or rejection;

March 31, 2017 – deadline for fee payment.

SUBMISSION REQUIREMENTS

To take part in the Conference an applicant should:

- submit to the Organizing Committee via e-mail comint2017@gmail.com;
- to fill in the registration form at the conference site.

The file should be named the names of all co-authors.

Preparing the Camera Ready Paper

The volume of papers should be equal to 1-2 full pages (4 full pages for plenary proceedings) in Ukrainian, Russian or English. Number of co-authors no more 4 people. Proceedings should be prepared in A4 format using the editor MS Word. The Times New Roman 14pt font should be used for main text with line spacing 1 (use Normal style). The page margins – 20 mm. Indention – 10 mm. Formulas are typed using the formula editor MS Equation. The pages are not numbered. **Sample thesis is annexed.**

Printed Proceedings

Conference Proceedings will be published by the conference opening. Conference Program and Proceedings will be presented to the participants on registration.

The best papers personally presented by authors at the ComInt-2017 will be invited for publishing in leading scientific journals.

CONFERENCE FEES

Organizational fee is paid for each presentation and does not depend on the number of authors. Conference fee will be collected for the author of the highest degree and/or affiliation. Full organizational fee for the presentation includes participation in the conference of all authors of the presentation, one complete package of materials, organizational expenses, etc. **Registration fee does not include postage.** Sending conference works carried out by the participants. Payment information will be provided in the Second Announcement.

Category of participants	Amount of fee
Participants from Ukraine	300 UAH
Ph.D. students from Ukraine (not including seekers)	150 UAH
Students from Ukraine	100 UAH
Correspondence participation for participants from Ukraine	150 UAH
International participants	60 EUR
International Ph.D. students and students	35 EUR
Correspondence participation for international participants	30 EUR