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SYMPOSIUM FEES

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

Category of participants	Amount of fee
Participants from Ukraine	400 UAH
PhD students from Ukraine (not including PhD candidates)	150 UAH
Students from Ukraine	100 UAH
Correspondence participation for participants from Ukraine	150 UAH
International participants	60 EUR
International PhD students and students	35 EUR
Correspondence participation for international participants	30 EUR

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SYMPOSIUM LOCATION

Conference hall of the Academic Council of SHEI "Uzhorod National University"
88000, Uzhorod, Narodna Square, 3

**MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
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CALL FOR PAPERS

International Scientific Symposium

«INTELLIGENT SOLUTIONS»

April 15-20 2019
Uzhorod, Ukraine

Within the framework of which will be held:

IXth International School-Seminar «Decision Making Theory»

V[th] International Conference «Computational Intelligence»

DEAR COLLEAGUES,

We invite you to participate in the International scientific symposium «Intelligent Solutions», which will be held on April 15-20 2018 in Uzhhorod, Ukraine.

SYMPOSIUM GOAL

The Symposium is the international meeting of scientists, teachers, graduate students and businessman on the basis of Mathematical Faculty of State Higher Educational Institution «Uzhhorod National University». It is devoted to discussion of results, problems and perspectives of intelligent computing and decision making theory, integration of information technologies in the area of intelligent computing and decision making.

Topics of interest include, but are not limited to, the following:

SCIENTIFIC TOPICS OF INTERNATIONAL SCHOOL-SEMINAR «DECISION MAKING THEORY»

1. Philosophical and methodological foundations of the decision making theory.
2. Mathematical models and methods of supported decision making and optimization and their applications.
3. Intelligent systems and information technology of decision support.
4. Applied problems of algebra, differential and probabilistic models.
5. Problems of computational mathematics, applied mechanics and calculations optimization.
6. Methodological foundations and software systems of e-education.

SCIENTIFIC TOPICS OF INTERNATIONAL CONFERENCE «COMPUTATIONAL INTELLIGENCE (RESULTS, PROBLEMS AND PERSPECTIVES)»

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:**
   - evolutionary computation (genetic algorithms, genetic and evolutionary programming, memetic and distributed evolutionary algorithms);
   - data mining;
   - swarm intelligence, intelligent agents and multi-agent systems;
   - hybrid intelligent technologies;
   - expert systems;
   - cooperative algorithms and hyperheuristics;
   - DNA computing;
   - intelligent immune systems;
   - machine learning and self-learning;
   - neural nets and growing nets;
   - fuzzy logic inference;
   - fuzzy neural networks;
   - knowledge representation and knowledge management;
   - genetic expression programming;
   - classification systems and pattern recognition;
   - symbiotic algorithms;
   - knowledge based systems;
   - fractals and 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;
   - for forecasting and prevention of emergency situations.

DEADLINES

March 17, 2019 – deadline for applications and abstracts (camera-ready) submission;
March 22, 2019 – notification of paper acceptance or rejection;
March 29, 2019 – deadline for fee payment.

SUBMISSION REQUIREMENTS

To take part in the Symposium an applicant should:
- submit the paper to the Organizing Committee via e-mail **intsol2019@gmail.com**;
- fill in the registration form at the Symposium site.

The file name must contain the surnames 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. The allowed number of co-authors is no more than 4 people. Proceedings should be prepared in A4 format using MS Word editor. The Times New Roman 14pt font should be used for main text with line spacing 1 (use Normal style). Page margins – 20 mm. Indention – 10 mm. Formulas to be typed using the MS Equation editor. Pages not be numbered. **Sample thesis is annexed.**

Printed Proceedings

School-Seminar Proceedings and Conference Proceedings will be published before the Symposium opening. Symposium Program and Proceedings will be presented to the participants during registration.

The best papers personally presented by authors at the International Scientific Symposium «Intelligence Solutions» will be considered/suggested for publishing in leading scientific journals.

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