

ORGANIZING COMMITTEE

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Professor, Dr. Tech. Sc.

Deputy Head of Committee:

D.G. Zelentsov Professor, Dr. Tech. Sc.
O.V. Palagin Academician of NAS of
Ukraine, Professor, Dr.
Tech. Sc.

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O.V. Kharchenko Professor, Dr. Chem. Sc.

Program Committee:

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M.G. Petrenko Professor, Dr. Tech. Sc.
Ye.Ye. Fedotov Professor, Dr. Tech. Sc.
O.Ye. Fedorovitch Professor, Dr. Tech. Sc.

CONFERENCE COORDINATORS

Larysa Ivanivna Korotka

Tel.: +38 050 225 87 19, +38 067 147 74 84
korliv@hotmail.com

Nataliya Yuriivna Naumenko

Tel.: +38 050 614 34 16, +38 063 451 24 12
nay_nata@i.ua

WEBSITE OF DEPARTMENT

<http://xt.dp.ua>

DATE AND VENUE

November 1st - 3rd, 2017

Department of Information Systems
Faculty of Computer Science and Engineering
Ukrainian State University of Chemical Technology
Gagarina avenue, 8, Dnipropetrovsk, Ukraine, 49005



ADDITIONAL INFORMATION FOR PARTICIPANTS

An abstracts digest of the conference will be published before its beginning. Digital version will be published on website of the department <http://xt.dp.ua>.

A separate publication of collection of scientific papers is planned. The collection will receive ISSN and will be sent to major universities and scientific and technical libraries in Ukraine and abroad.

Organizing committee reserves the right to reject abstracts if they don't meet requirements or theme of the conference, or in the absence of proof of payment of the conference fee.

We ask the participants who have applied but can not take part in the conference personally to inform the committee in advance (by phone or email).

Ministry of Education and Science of Ukraine
Ukrainian State University of Chemical Technology
(Dnipro, Ukraine)

National Academy of Sciences of Ukraine
Glushkov Institute of Cybernetics
(Kiev, Ukraine)

Oles Honchar
Dnipropetrovsk National University
(Dnipro, Ukraine)

National Aerospace University
"Kharkiv Aviation Institute"
(Kharkiv, Ukraine)

Azerbaijan Technical University
(Baku, Azerbaijan)

Belarusian State University of Transport
(Gomel, Belarus)

AGH University of Science and Technology,
(Krakow, Poland)

Institute of Computational Technologies
SD RAS (Novosibirsk, Russia)

CONFERENCE CALL

III International scientific and technical conference

**Computer
Modeling and
Optimization of
Complex
Systems**



CMOCS-2017

November 1st - 3rd, 2017
Dnipro, Ukraine

DEAR COLLEAGUES!

We invite you to participate in the III International scientific and technical conference to be held in Dnipro on November 1st - 3rd, 2017.

OBJECTIVE OF THE CONFERENCE

The conference is a gathering of scientists, teachers, students and representatives of industry, which is held at the Ukrainian State University of Chemical Technology. Objectives of the conference are to bring research results to the public; to exchange scientific and practical experience of prominent scientists; to intensify student researches; to find gifted students and to create conditions for their creative growth.

IMPORTANT DATES

October 10th, 2017 – deadline for applications and abstracts;

October 15th, 2017 – deadline for notification of acceptance/rejection of reports;

October 20th, 2017 – deadline for payment.

CONFERENCE SESSIONS

1. Perspective directions of mathematical modeling:

- mathematical modeling of objects and processes;
- mathematical methods in mechanics, chemical technology and engineering;
- simulation modeling.

2. Models and methods of optimization

- optimal design of structures;
- optimization of technological processes;
- advanced optimization techniques.

3. Intelligent computer systems:

- neurocomputers and neural networks;
- knowledge-oriented computer systems and ontology engineering;
- fuzzy computing in computer science, modeling and management;
- distributed information systems;
- expert data processing systems;
- decision support system.

4. Information technology in automation, electronics and measurement technology:

- theory and methods of automatic control;
- automated process control systems;
- information and metrological support;
- information and economic systems in industry and financial sector.

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

SUBMISSION

Candidates for participation in the conference should send an email to the Organizing Committee (kmocc_kis@ukr.net):

- application for participation, filename after first author:
SessionNumber_Lastname_Application.xls (template is attached);
- abstract of conference report, filename after first author:
SessionNumber_Lastname.doc (template is attached);
- scientific paper, filename after first author:
paper_Lastname.doc (template is attached).

REQUIREMENTS FOR ABSTRACTS OF CONFERENCE REPORTS

Organizing Committee recommends to prepare papers for publishing in MS Word (.doc). The text volume should be between 2-4 full pages of A5 format.

Layout of the page. Font Times New Roman 9 pt, 1.0 line spacing (Normal style). Indentation 10 mm. Page margins 20 mm.

Paper title is printed in capital letters on the center of the line, font size 11pt, **bold**. Authors' names (without information about them) should be located on the next line, centred, 11pt, **bold**. Information about the authors (organization) is given below the line with authors' names, 9pt, centred. There should be one empty line after the information about the authors before the main text.

Formulas are typed using Equation formula editor with the following dimensions: full - 9 pt, sub/ superscript - 7 pt, sub-subscript - 6 pt, symbol - 12 pt, sub-symbol - 10 pt, centred. Each formula should have a number.

Tables should have a title, placed above the table.

Figures are signed below. Title of the figure should be centred. (For example, Figure 1 – Explanation).

List of references may contain from 1 to 5 sources. Every source should be mentioned in the text.

Example

VISUAL MODELING OF PROCESSES IN CHEMICAL TECHNOLOGY

Petrov P.P.¹, Fedorenko F.F.²

¹ «Organization X», Kyiv, Ukraine

² «Organization K», Kharkiv, Ukraine

CONFERENCE FEE

The conference fee is charged for each report regardless of the number of authors. Payment for accommodation and food isn't included.

The conference fee for foreign participants is \$25.