



Software Engineering Conference

National Aviation University, Kyiv, Ukraine 03.06-06.06.2019

Conference organizations

Software Engineering Department of National Aviation University in collaboration with Institute of Information Theories and Applications (ITHEA®), ITHEA® International Scientific Society (ITHEA® ISS), and Association of Developers and Users of Intellectualized Systems (ADUIS).

The aim of the conference– is to organize the environment for researches, teachers and students for representing results of research and practical achievements in the “Software Engineering” area.

Conference topics

Theoretical Basics of Software Engineering

- ✓ AGILE and Model-Driven Approaches to Software Development.
- ✓ Approaches to Software Development Life Cycle Processes Improvement;
- ✓ Business Process Management and Engineering
- ✓ Empirical Software Engineering;
- ✓ Formal Foundations of Software Engineering;
- ✓ Frameworks and Middleware;
- ✓ Model-Driven Engineering;
- ✓ Software Development Technologies;
- ✓ Software Engineering Standards;
- ✓ Software Patterns and Refactoring;

Applied Aspects of Software Engineering

- ✓ Approaches and Models to Estimate Expenses of Future Software Project;
- ✓ Component-Based Software Engineering;
- ✓ Requirements Engineering;
- ✓ Service-Oriented Software Engineering;
- ✓ Software Designing;
- ✓ Software Quality;
- ✓ Software Maintains and Evolution;
- ✓ Software Testing.

Software Engineering Application Domains

- ✓ Agent and Multi-Agent Systems;
- ✓ Biotechnologies and Smart Health Technologies;
- ✓ Cloud Computing;
- ✓ Data Bases and Knowledge Bases;
- ✓ Image Processing and Computer Vision;
- ✓ Internet;
- ✓ Security;
- ✓ Software Development for Mobile Operation Systems.
- ✓ Real-Time Systems;
- ✓ Network and Data Communications;
- ✓ User-Centered Software Engineering.

Steering committee

- ✓ Abdel-Badeeh M. Salem (Ain Shams University, Cairo, Egypt);
- ✓ Albert Voronin (National Aviation University, Ukraine);
- ✓ Krassimir Markov (Institute of Information Theories and Applications, Bulgaria);
- ✓ Oleksii Pysarchuk (National Aviation University, Ukraine);
- ✓ Olena Chebanyuk (National Aviation University, Ukraine);
- ✓ Vitalii Velychko (V.M.Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine).
- ✓ Vladimir Talalaev (National Aviation University, Ukraine);

Program committee

- ✓ Antinisca Di Marco (University of L'Aquila, Italy);
- ✓ Dmytro Progonov (National Technical University of Ukraine Igor Sikorsky Kyiv Polytechnic Institute, Ukraine);
- ✓ George Totkov (University of Plovdiv, Bulgaria);
- ✓ Juan Bautista Castellanos Peñuela (Universidad Politécnica de Madrid, Spain);
- ✓ Lyudmyla Kirichenko (Kharkiv National University of Radio Electronics, Ukraine);
- ✓ Mahmoud Hammad (Jordan University of Science and Technology, Jordan);
- ✓ Michael Gr. Voskoglou (Graduate Technological Educational Institute of Western Greece School of Technological Applications, Greece);
- ✓ Mohammad M. Banat (General Chairperson of Mosharaka International Conferences, Jordan);
- ✓ Mykola Guzii (National Aviation University, Ukraine);
- ✓ Nagwa Badr (Ain Shams University, Cairo, Egypt)
- ✓ Oleh Ilarionov (Taras Shevchenko National University of Kyiv, Ukraine);
- ✓ Yuh Wen Chen (Da Yeh University, Taiwan).

(list not yet complete)

Organization committee

- ✓ Tetiana Konrad (National Aviation University, Ukraine);
- ✓ Valentyna Skalova (National Aviation University, Ukraine);
- ✓ Yana Byelozorova (National Aviation University, Ukraine).

Important dates

Submission deadline till 24.05 2019

Author's notification 01.06 2019

Conference dates 03.06 2019-06.06 2019

Participation and conference fees

You may choose presentation as well as distance participation

All forms of participation are free

You must prepare report in English

Conference proceedings will be available online at the ITHEA[®] ISS web-site.

Proceedings of the previous year is available by the link:

http://idr.ithea.org/tiki-list_file_gallery.php?galleryId=1

Conference papers must be loaded to submission system of ITHEA ISS. <http://ita.ithea.org/>

The extended versions of the best papers, written in English, *after additional editing by the Program Committee will be published in* International Journal "Information Models and Analyses" (<http://www.ithea.org/journals/journals.html>) with the publication grant **discounting 50% of publication fee.**

Rules for manuscript preparing

Rules for preparing manuscripts are the same as for preparing ITHEA ISS *.doc templates

<http://www.ithea.org/conferences/conferences.html>

The article size is up to 4 pages A4. Format - *.doc or *.docx only

Please, pay attention to rules of references formatting.

Contact information

Chebanyuk Olena, Assoc. professor of Software Engineering Department (National Aviation University, Kyiv, Ukraine)

Mail to: chebanyuk.elena@ithea.org

office@ithea.org