



17th International Software Engineering Conference SoftEngine 2022

National Aviation University, Kyiv, Ukraine 10.04-12.04.2022

Conference Organizations

Software Engineering Department of National Aviation University in collaboration with

- Artificial Intelligence and Knowledge Engineering Research Lab (Cairo, Egypt):
- Association of Developers and Users of Intellectualized Systems (ADUIS):
- Faculty of Computer and Information Sciences, Ain Shams University (Cairo, Egypt):
- ITHEA® International Scientific Society (ITHEA® ISS):
- Institute of Information Theories and Applications (ITHEA®, Bulgaria):
- V. M. Glushkov Institute of Cybernetics of the NAS of Ukraine.

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 and Artificial Intelligence and Knowledge Engineering Research Lab, Egypt);
- ✓ Kateryna Nesterenko (National Aviation University, Ukraine);
- ✓ Krassimir Markov (Institute of Information Theories and Applications, Bulgaria);
- ✓ Olena Chebanyuk (National Aviation University and V.M.Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine, Ukraine);
- ✓ Serhii Zybun (National Aviation University, Ukraine);
- ✓ Vitalii Velychko (V.M.Glushkov Institute of Cybernetics of National Academy of Sciences of Ukraine and Association of Developers and Users of Intellectualized Systems).

Program committee

- ✓ Aykut Karakaya (Bulent Ecevit University, Turkey);
- ✓ Carlos Cares (Software Engineering Studies Center (CEIS). University of La Frontera. Temuco, Chile);
- ✓ Gefei Zhang (Hochschule für Technik und Wirtschaft Berlin, Germany);
- ✓ Ewa Ziemba (University of Economics in Katowice, Poland);
- ✓ Evellin Cardoso (Federal University of Goias, Brazil);
- ✓ Hakan Kutucu (Karabuk University, Turkey);
- ✓ Khaja Mannanuddin (Sumathi Reddy Institute of Technology, India);
- ✓ Krasimira Ivanova (University of Telecommunications and Post, Bulgaria)
- ✓ Michael Gr. Voskoglou (Graduate Technological Educational Institute of Western Greece School of Technological Applications, Greece);
- ✓ Rafael Lahoz Beltrá (Universidad Complutense de Madrid, Spain);
- ✓ Sedat Akleyek (Ondokuz Mayıs University, Turkey);
- ✓ Taras Panchenko (Taras Shevchenko National University of Kyiv, Ukraine);
- ✓ Tea Munjishvili (I.Javakhishvili Tbilisi State University, Georgia);
- ✓ Vitalii Prykhodniuk (Central Scientific Research Institute of Armament and Military Equipment of the Armed Forces of Ukraine)
- ✓ Yuh Wen Chen (Da Yeh University, Taiwan).

Organization committee

- ✓ Mykyta Krainii (National Aviation University, Ukraine);
- ✓ Tetiana Konrad (National Aviation University, Ukraine);
- ✓ Yana Byelozorova (National Aviation University, Ukraine);
- ✓ Yuliia Bezkorovaina (National Aviation University, Ukraine).

Important dates

Submission deadline till 17.03 2022

Author's notification 05.04 2022

Conference dates 10.04 2022-12.04 2022

Participation and conference fees

Conference will be performed in distant mode.

Participation is free.

It is obligatory to prepare paper in English.

Conference proceedings and other information about it will be available online at the ITHEA® ISS web-site. <http://www.ithea.org/softengine/>

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

Detailed instruction for authors how to work with the submission system are http://idr.ithea.org/tiki-list_file_gallery.php?galleryId=1

The extended versions of the best papers **after additional reviewing by the Conference 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 paper preparing

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

*.doc template is available on the ITHEA ISS site by the links

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

The paper size should be no less than *two pages A4*. Format - *.doc or *.docx only.

Please, pay attention to rules of references formatting.

Contact information

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