



SoftEngine 2020

International Conference on Software Engineering

National Aviation University, Kyiv, Ukraine 13.04-15.04.2020

Conference organizations

Software Engineering Department of National Aviation University in collaboration with:

- ✓ ITHEA® International Scientific Society (ITHEA® ISS),
- ✓ Institute of Information Theories and Applications (ITHEA®) (Bulgaria),
- ✓ V. M. Glushkov Institute of Cybernetics of the National Academy of Science (Ukraine),
- ✓ Faculty of Computer and Information Sciences of Ain Shams University (Egypt),
- ✓ 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 language - English

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;
- ✓ 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);
- ✓ Olena Chebanyuk (National Aviation University, Ukraine);
- ✓ Vitalii Velychko (V.M.Glushkov Institute of Cybernetics of National Academy of Sciences of 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);
- ✓ Krassimira Ivanova (University of Telecommunications and Post, Sofia, Bulgaria);
- ✓ Michael Gr. Voskoglou (Graduate Technological Educational Institute of Western Greece School of Technological Applications, Greece);
- ✓ Mykola Guzii (National Aviation University, Ukraine);
- ✓ Nagwa Badr (Ain Shams University, Cairo, Egypt);
- ✓ Oleksii Pysarchuk (National Aviation University, Ukraine);
- ✓ Vladimir Talalaev (National Aviation University, Ukraine);

List is 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 15.03 2020

Author's notification 05.04 2020

Conference dates 13.04 2020-15.04 2020