

SYRCoSE 2020

Spring/Summer Young Researchers' Colloquium on Software Engineering

May 28-30, Saint Petersburg, Russia



About SYRCoSE

SYRCoSE is a colloquium on software engineering targeted at young researchers (students, postgraduates, and young PhDs). The main goal of the colloquium is to help young specialists to meet each other, to get more information on work of their colleagues, to exchange their experience, and to practice in presenting their results at international conferences and workshops. In order to establish strong connection with software engineering industry, both research and industrial papers are allowed for submission. We hope that having researchers and practitioners together at the forum will contribute to narrowing the ever-existing gap between theory and practice and increase their mutual awareness of the developments made by others and problems each community is facing.

Topics of Interest

We are interested in original papers on theory and/or applications of software engineering. The topics of interest include but are not restricted to:

- Software Development Processes
- Object-Oriented Analysis and Design
- Programming and Specification Languages
- Component-Based Software
- Distributed and Concurrent Software
- Requirements Engineering
- Visual Modeling
- Reengineering and Reverse Engineering
- Formal Methods
- Quality Assurance
- Software Safety and Security
- Testing, Verification, and Validation
- Hardware High-Level Design and Verification
- Software Development and Analysis Tools
- Software Engineering Education
- Mathematical Cybernetics and Algebraic Theory of Discrete Systems
- Mathematical Modeling of Complex Systems
- Big Data in Education: Algorithms, Technologies, and Prospectives

Paper Submission

We accept papers authored by students, PhD students, or young researchers up to 35 years old. Researchers over this age limit are allowed as co-authors provided that the report is presented by a young author. Papers must be written and presented in English.

We admit original papers of the following types:

• Regular Papers (up to 12 pages)

presenting mature and significant results of completed or almost completed research.

• Research-in-Progress Reports (up to 6 pages)

describing a problem of interest and particular goals of the research, a survey of the related work with analysis of differences between the existing methods and the approach proposed by the authors, a summary of the results achieved, and directions of future work.

• Industrial Papers (up to 9 pages)

demonstrating novel and/or non-trivial applications of software engineering methods.

Every paper regardless of its type will be reviewed by at least 3 members of the Program Committee, and authors will get the reviews together with the notification of acceptance or rejection.

Papers should be written in double-column ACM/IEEE format:

http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Paper submission system:

<https://easychair.org/conferences/?conf=syrcose2020>

Important Dates

Abstract submission (1 page): December 31, 2019
Papers submission (4-12 pages): April 1, 2020
Notification of acceptance: April 30, 2020
Camera-ready papers: May 10, 2020
Registration: May 20, 2020
Colloquium: May 28-30, 2020

Program Committee

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- Alexander S. Kamkin (Ivannikov Institute for System Programming, RAS)

Publication

Selected papers will be published in 'Proceedings of ISP RAS', a peer-reviewed journal included into the list of periodicals recommended for publishing doctoral research results by the Higher Attestation Commission of the Ministry of Science and Education of the Russian Federation.

Proceedings of ISP RAS: <http://www.ispras.ru/en/proceedings/>

Colloquium Venue

SYRCoSE will be hosted by Peter the Great Saint-Petersburg Polytechnic University (SPbPU), a major technical university located in Saint Petersburg. The university is a leading educational and research center in the field of applied physics and mathematics, industrial engineering, chemical engineering, aerospace engineering, software engineering and other disciplines.

Web-site: <https://english.spbstu.ru/>

Contacts

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