

Tools & Methods of Program Analysis (TMPA-2015) International Workshop-Conference

12 - 14 November 2015, Saint Petersburg, Russia

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General Information

On 12 - 14 November 2015, Saint Petersburg, Russia, will host 2015 International Workshop-Conference "Tools & Methods of Program Analysis" (TMPA-2015). Its general theme will be one of the most pertinent and important areas of software engineering: the analysis of software quality.

The challenges of software efficiency and correctness are key for the majority of knowledge-intensive industries in modern economy, including IT, financial sector, transportation, medicine, high-tech industries, and many others. The development of new instruments and methods of program analysis as well as the modification of existing ones is one of the necessary prerequisites to introduce innovation.

The purpose of the conference is raising awareness of progress in the software development industry and promoting cutting edge innovations in software testing, analysis and verification.

The conference program will include plenary reports and mini-courses delivered by experts, presentations selected by the Program Committee, presentations of on-going projects, short reports about new ideas, research that is underway or new tools.

Conference Topics

The program will include, and won't be limited to, the following topics:

- software test automation;
- static program analysis;
- verification;
- dynamic methods of program analysis;
- testing and analysis of parallel and distributed systems;
- testing and analysis of high-load and high-availability systems;
- analysis and verification of hardware and software systems;
- methods of building quality software;
- tools for software analysis, testing and verification.

Conference Details

We are going to have presentations delivered by renowned guests from the program-engineering field as well as papers that have passed a review of a number of independent experts to be admitted. The body of experts will consist of leading Russian and foreign scientists working in the area of software development and analysis.

The Conference Welcoming Committee will provide free accommodation for conference speakers.

Papers Submission

Authors wishing to participate in the competition should submit papers in the Russian or English languages up to 12 pages long in accordance with requirements of double-column ACM/IEEE format. Details on accepted formatting, including templates for popular text processors and desktop publishing systems, are available here: [IEEE Manuscript Templates for Conference Proceedings](#).

Please use the following link to submit your paper: [EasyChair system for TMPA-2015](#)



Publication

All competing papers admitted for the conference proceedings will be published in the Compendium of Conference Materials. Having gone through additional work by their authors, a selected number of papers may be included in publications that are part of Russia's Higher Attestation Commission (VAK) list, such as: "Systems and Means of Informatics", "Informatics and Applications", "High Accessibility Systems" and "St. Petersburg State Polytechnic University Journal. Computer Science. Telecommunication and Control Systems".

Organizers

- Peter the Great Saint-Petersburg State Polytechnic University (SPbSPU: eng.spbstu.ru), Department of Computer Systems & Software Engineering of the Institute of Computing & Control (CS&SE: kspt.icc.spbstu.ru/en);
- Federal Research Centre "Informatics and Control Systems" The Institute of Informatics Problems of the Russian Academy of Sciences (IPI RAN: ipiran.ru);
- Exactpro Systems (exactpro.com)

Participants

The Program Committee is expecting that the majority of the conference participants will be senior students specializing in software development, postgraduate students and young scientists interested in independent expert review of their research, as well as renowned scientists ready share their innovative works.

The conference organizers are interested in active participation of IT industry representatives. We are expecting interesting practice-based reports from leading software development firms.

Venue

Peter the Great Saint-Petersburg State Polytechnic University (SPbSPU: eng.spbstu.ru)

The University was founded in 1899 and recently became a "National Research University". It is also known in Russia and abroad as the Polytechnical Institute, a recognized Russian and world-wide leader in higher engineering and economic education.

Key Dates

- 10th May – start day of accepting requests for participation;
- 10th August – deadline for accepting paper annotations;
- 17th August – deadline for accepting conference papers;
- 12th October – list of accepted papers is published;
- 26th October – deadline for accepting final versions of papers to be included in the Compendium;
- 12th-14th November – "TMPA-2015".

Contacts

Conference website: tmpaconf.org

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Social networks:

Facebook: www.facebook.com/groups/tmpaconf

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