Stochastic Modeling & Applied Research of TechnologY

Fourth International Workshop
Petrozavodsk, Karelia
August 26-30, 2024

Based on the success of 2018, 2020 and 2022 SMARTY International Workshops, we seek to continue the biannual series by organizing The Fourth Stochastic Modeling and Applied Research of Technology (SMARTY 2024) to be held in Petrozavodsk, Karelia, one of the beautiful places in the North-West Russia, on *August 26-30, 2024*.

Call for Papers
SMARTY'24 Workshop
http://smarty24.karelia.website

The Fourth International Workshop on Stochastic Modeling and Applied Research of Technology (SMARTY 2024) will be held in Petrozavodsk, Karelia, one of the beautiful places in the North-West Russia, on *August 26-30, 2024.*

Agenda:
SMARTY workshop aims to bring together researchers working on the theoretical, algorithmic and methodological aspects of queueing theory, stochastic modeling and applied probability, focusing on applications of such methods across a broad spectrum of technical systems with primary interest in high-performance and distributed computing systems.

Key focus areas:
- Stability and performance issues of stochastic models of high-performance and distributed computing systems, as well as other modern technologies;
- Applications of queueing theory and applied probability to the analysis of high-performance, distributed and perspective computing systems.

A special accent in the program of SMARTY 2024 will be made on reliability aspects within stochastic models.

Invited speakers and program are to be announced on the official website http://smarty24.karelia.website

Proceedings:
Post-proceedings of the workshop are to be published online on the SMARTY proceedings online repository (http://smarty.karelia.website), after passing a single-blind review procedure by two or more independent reviewers. However, for participation, it is enough to submit an **abstract in uConfy** (https://uconfy.com/conf/18/) using the template available there at submission time. The Abstracts are to appear at the workshop website together with the schedule. We also expect to have a special issue of the Reliability Theory & Applications (https://gnedenko.net/Journal/) for publishing revised selected papers of the Workshop participants.

Notes:
- The official language of SMARTY'24 is English.
- We plan to have the workshop in hybrid offline/online mode, however, we'll be happy to welcome our guests in Petrozavodsk.
- We expect that the accepted papers will be presented at the workshop.
- Abstract submissions are handled by our partner **uConfy** where all the necessary details are available. Details on submission process are updated in the Submission section of the website.
- We expect to have the Workshop <u>free of charge</u> for all participants. Social and cultural events are offered individually upon requests of the participants.

Youth Camp:

August 30th is dedicated to students and young researchers primary focusing on queueing theory, stochastic modeling and applied probability. We expect several invited lectures and tutorials to inspire young researchers in those fields.

Roadmap:

Registration starts – April 20, 2024
Workshop abstracts submission deadline – July 1, 2024
Notification of acceptance – August 1, 2024
Camera ready workshop abstracts – August 20, 2024
SMARTY workshop – August 26-30, 2024

Contacts:

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Workshop website: http://smarty24.karelia.website
Paper submission: https://uconfy.com/conf/18/

Partners:

Institute of Applied Mathematical Research, Karelian Research Center of RAS; Petrozavodsk State University; CMS College Kottayam; Central University of Kerala; Federal Research Center "Computer Science and Control" of RAS; IEEE Russia Section, Communications Society Chapter (COM19); Tomsk State University; Gnedenko Forum.

Organizing Committee:

Sergey Astafiev
Diana Bekareva
Alexander Golovin
Vladislav Igolkin
Oleg Lukashenko
Ruslana Nekrasova
Mariia Maltseva
Evsey Morozov
Taisia Morozova
Irina Peshkova
Stepan Rogozin
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