

November 6 - 8, 2017/ Munich, Germany

The 9th International Congress on Ultra Modern Telecommunications and Control Systems



ICUMT 2017: Facilitating the Internet of Skills

APTP+MS'2017

11th International Workshop on Applied Problems in Theory of Probabilities and Mathematical Statistics (APTP+MS'2017) (Autumn Session)

November 6 – 8, 2017, Munich, Germany

In order to submit your paper, please follow this link (<https://edas.info/newPaper.php?c=23691&track=85715>).

The 11th International Workshop on Applied Problems in Theory of Probabilities and Mathematical Statistics (APTP+MS'2017) (Autumn Session) related to modeling of information systems is conducted jointly by the Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences, Peoples' Friendship University of Russia (RUDN University), and Tampere University of Technology. The Workshop will take place on November 6 – 8, 2017 in Munich, Germany.

The APTP+MS'2017 workshop proceedings will be included into the Congress Proceedings and will be submitted to IEEE Xplore, Scopus and Web of Science indexing databases.

Scope

The Workshop aims to discuss contemporary issues of applied probability theory, stochastic processes, mathematical statistics, stochastic analysis, queuing theory in their application to the performance analysis and quality of service of modern communication networks. Nowadays one can see the wireless solutions have moved beyond their traditional areas of application and today we can talk about a space where users can interact with various technologies services. As a consequence the methods of the applied probability theory and mathematical statistics for the effective estimation of the wireless networks performance parameters have received much attention in recent years and have become a key aspect of application development. Further development in this area creates opportunities for the development of theoretical foundations, new mathematical models and methods for the performance analysis of future wireless networks. The Workshop is targeted to bring together top specialists in the field to discuss ongoing studies and obtained results. Continuing the great success of the previous events, APTP+MS'2017 Workshop is anticipated to attract high-quality submissions and stimulate the cutting-edge research discussions among academic researchers and scientists all around the world.

Topics of interest include but are not limited to:

- Modeling of information systems by methods of the probability theory
- Modeling of information systems by methods of the theory of stochastic processes
- Applied queuing theory
- Discrete probabilistic models
- Statistical methods for the analysis of information systems
- Probabilistic models for information security
- Teletraffic theory
- Intelligent traffic optimization
- Multiservice networks and Admission Control
- Modeling of P2P networks
- Modeling of wireless D2D networks
- Modeling IoT and M2M communications
- Queuing Systems Modeling and Simulation
- Integrated optical waveguides with statistically irregular boundaries for the needs of optical communications

Call for Papers

Prospective authors are invited to submit full-length original and previously unpublished papers via the EDAS. Submitted papers will be peer-reviewed by at last two members of the Scientific Programme Committee.

All the accepted papers will be published in the conference proceedings issued on USB drive, which (containing only presented papers at the conference) will be sent for indexing and abstracting in IEEE Xplore® digital library and for indexing in SCOPUS databases.

Authors should prepare a PDF file following the IEEE single-space, two-column format using at least 10 point size type. The paper must be correctly formatted to fit on A4. The paper should not exceed 6 pages including figures, tables & references. The paper must be submitted in PDF format via the EDAS System.

The congress organizers reserves the right to not include a paper to the Proceedings if the congress registration fee is not paid or if the paper is not presented on the ICUMT 2017 congress.

Important dates

Deadline for Regular Paper Submission: July 17, 2017

Notification of Paper Acceptance: September 4, 2017

Final Paper Submission: September 15, 2017

Authors' Early Registration and Payment: September 22, 2017

Authors' Late Registration and Payment: October 6, 2017

General Co-chairs

Sergey Shorgin (Russia)

Konstantin Samouylov (Russia)

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Organizers

- Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences, Moscow, Russia
- Peoples' Friendship University of Russia (RUDN University), Moscow, Russia
- Tampere University of Technology, Tampere, Finland
- Service Innovation Research Institute, Helsinki, Finland

Recent news

January 17, 2018: We are happy to let you know that the accepted ICUMT 2017 papers are now available in the IEEE Xplore (<http://ieeexplore.ieee.org/Xplore/home.jsp>).

December 22, 2017: We are happy to let you know that IEEE has accepted the ICUMT 2017 proceedings for publication in IEEE Xplore (<http://ieeexplore.ieee.org/Xplore/home.jsp>). The papers should be available online in few weeks.

November 16, 2017: The ICUMT 2017 photos are now available at the Official Facebook page. (<https://goo.gl/HeHYcx>)

[View more](#)

Important dates

Deadline for Workshop Proposal: **May 26, 2017**

Deadline for Regular Paper Submission (HARD): **July 24, 2017**

Notification of Paper Acceptance: **September 11, 2017**

Final Paper Submission: **September 25, 2017**

Authors' Early Registration and Payment: **September 29, 2017**

Authors' Late Registration and Payment: **October 13, 2017**

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