

Preface

The 1st Workshop (Summer Session) in the framework of the Conference on Information and Telecommunication Technologies and Mathematical Modeling of High-Tech Systems has been conducted jointly by Peoples' Friendship University of Russia (RUDN University), Tampere University of Technology and Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences. The Workshop was held from 20 to 23 August, 2018 at the Tampere University of Technology (Tampere, Finland).

The workshop continued the tradition Conference on mathematics, computer science and mathematical modeling problems, annually held in the Peoples' Friendship University of Russia (RUDN University), starting almost from the moment of its foundation. Information and communications technologies, as a component of information and telecommunication systems, refer to the priority areas of science, technology and engineering in the Russian Federation, and the development of high-tech systems and the improvement of information and telecommunication technologies is impossible without the development and application of mathematical models of their functioning. The aim of the conference is to bring together Russian and foreign universities, academic and branch institutes, research centers, interested companies and commercial companies on development and lessons learned, identify the most relevant areas of research in the field of information and communication technologies, mathematical modeling, artificial intellect and other important directions for the development of scientific research and scientific and technical developments.

Co-organizers of the Conference

- Peoples' Friendship University of Russia (RUDN University) (Russia);
- Tampere University of Technology (Finland);
- Federal Research Center "Computer Science and Control" of the Russian Academy of Sciences (Russia).

Sections of the Conference

The Conference is supposed to take place in the scientific areas formed during the previous Information and Telecommunication Technologies and Mathematical Modeling of High-Tech Systems conferences.

- Teletraffic theory and applications.
- Next-generation communication networks: management, quality, architecture.
- Applied information systems.
- Distributed, high-performance computing and Big data analytics.
- Mathematical modeling.

More information can be found on the conference website: <http://ittmm-workshop.amct.institute>.

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