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Wired/Wireless Internet Communications

15th IFIP WG 6.2 International Conference, WWIC 2017
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Proceedings

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Preface

We welcome you to the joint proceedings of the 15th International Conference on Wired/Wireless Internet Communications (IFIP WWIC). The conference constitutes a forum for the presentation and discussion of the latest results in the field of wired/wireless networks and aims at providing research directions and fostering collaborations among the participants. In this context, the Program Committee accepts a limited number of papers that meet the criteria of originality, presentation quality, and topic relevance. IFIP WWIC is a single-track conference that has reached, over the past 14 years, a high-quality level, which is reflected by the paper acceptance rate as well as the level of attendance. Following the conference tradition, there is a best paper award.

The 15th IFIP WWIC technical program addressed various aspects of next-generation data networks. This year, special attention was given to advanced wireless networking and applications as well as to lower-layer communication enablers and circuit design. In particular, the authors demonstrated novel and innovative approaches to performance and efficiency analysis of ad hoc and machine-type systems, employed game-theoretical formulations, Markov chain models, and advanced queuing theory.

WWIC 2017 provided a forum for academic and industrial researchers to discuss new ideas and trends in the emerging areas of networking that create new opportunities for fully-customized applications and services. The conference brought together leading experts from top affiliations around the world. This year, we saw a good participation from representatives of various players in the field, including academic teams and industrial world-leader companies, particularly representatives of Russian R&D centers, which have a good reputation for high-quality research and business in innovative service creation and applications development.

We would like to thank the Technical Program Committee members, as well as the associated reviewers, for their hard work and important contribution to the conference. This year, the conference program met the highest quality criteria with an acceptance ratio of around 35%.

The current edition of the conference was organized in cooperation with RUDN University, Tampere University of Technology, National Research University Higher School of Economics, Peoples' Friendship University of Russia, St. Petersburg State University of Telecommunications, and the Popov Society. The support of these organizations is gratefully acknowledged. IFIP WWIC was held in the framework of the RUDN University Competitiveness Enhancement Program 5-100.

June 2017

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