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Smart Spaces and Next Generation Wired/Wireless Networking

9th International Conference, NEW2AN 2009 and
Second Conference on Smart Spaces, ruSMART 2009
St. Petersburg, Russia, September 15-18, 2009
Proceedings

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Preface

We welcome you to the joint proceedings of the 9th NEW2AN (Next-Generation Teletraffic and Wired/Wireless Advanced Networking) and the Second ruSMART conferences held in St. Petersburg, Russia during September 15-17, 2009.

This year NEW2AN featured significant contributions to various aspects of networking. Presented topics encompassed several layers of communication networks: from physical layers to transport protocols. In particular, issues of QoS in wireless and IP-based multi-service networks were dealt with. Cross-layer optimization, traffic characterization were also addressed within the program. It is also worth mentioning the emphasis placed on wireless networks, including, but not limited to, cellular networks, wireless local area networks, personal area networks, mobile ad hoc networks, and sensor networks.

The Second Conference on Smart Spaces, ruSMART 2009, was targeted at attracting the attention of academic and industrial researchers to an emerging area of smart spaces that creates completely new opportunities for making fully customized applications and services for the users. The conference is a meeting place for leading experts from top affiliations around the world, with particularly active participation and strong interest from Russian attendees that have a good reputation for high-quality research and business in innovative service creation and applications development.

The NEW2AN/ruSMART 2009 call for papers attracted 82 papers from 22 countries, resulting in an acceptance rate of 39%. With the help of the excellent Technical Program Committee and a number of associated reviewers, the best 32 high-quality papers were selected for publication. The conference was organized in seven single track sessions.

We wish to thank the Technical Program Committee members of both conferences and the associated reviewers for their hard work and important contribution to the conference.

The Technical Program of both conferences benefited from two keynote speakers:

- Aaron J. Quigley, University College Dublin, Ireland
- Manfred Schneps-Schneppe, Ventspils University College, Latvia

This year the conferences were supported by the sponsor packages provided by NOKIA, Nokia Siemens Networks, Ubitel (Russia) and Baltic IT Ltd (Russia) and organized in cooperation with ITC (International Teletraffic Congress), IEEE, and Popov Society. The support of these organizations is gratefully acknowledged.

Finally, we wish to thank many people who contributed to the organization. In particular, Jakub Jakubiak (TUT, Finland) carried a substantial load of the submissions and reviews, website maintaining, did an excellent job on the compilation of camera-ready papers and liaising with Springer. Many thanks go to

Natalia Avdeenko and Ekaterina Antonyuk (Monomax Meetings & Incentives) for their excellent local organization efforts and the conference's social program preparation. We believe that the 9th NEW2AN and the Second ruSMART conferences provided an interesting and up-to-date scientific program. We hope that the participants enjoyed the technical and social conference program, Russian hospitality and the beautiful city of St. Petersburg.

July 2009

Sergey Balandin
Dmitri Moltchanov
Yevgeni Koucheryavy

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