

Preface

The Fifth International Science and Technology Conference «Modern Network Technologies (MoNeTec-2024)» was devoted to the number of hot topics of contemporary network technologies and their applications: AI application for resource management and control, 5G/6G networks for wireless communication, information security in SDN/Cloud, QoS control in data communication.

There were 84 papers submitted to the Conference. The international team of reviewers, with 38% of IEEE members, selected only 25 of them. 10 speakers were invited for a plenary lecturing.

The conference agenda also included the poster session of 14 papers where students and young scientists have presented their short papers and works-in-progress. 12 persons have attended at the tutorial on working on network topologies in VirtualBox. More than 150 people have attended at the Conference in total.

At the end of the conference, the first, the second and the third Best Paper Awards based on the voting of PC members and The Conference participants.

The Program and Organizational Committees would like to express our gratitude with pleasure warmly thank the Conference financial sponsors: R&D Center ELVEES JSC, Moscow State University (Faculty of Computational Mathematics and Cybernetics), Federal Research Center "Computer Science and Control" of the RAS, Joint Institute of Nuclear Research, LLC "BaseAlt SPO", LLC "GC Kryptonite". The Conference PC has also appreciate support and efforts of the Consortium "Network and Cloud Technologies" for the Conference organization. Thanks a lot to the Department of Nanotechnologies and Information Technologies and Department of Mathematical Sciences of Russian Academy of Sciences for information support. Also thanks to our media partners for good promotion campaign: "Spektr" publishing house, "Open Systems" publishing house, "Scientific Russia" web portal, and journals: "Information Technologies", International Journal of Open Information Technologies, "Computing, Telecommunications and Control", "Applied Informatics", Information and Control Systems".

The main force of the Conference organization was the team of people from Moscow State University, Applied research center for computer networks and Consortium "Network and Cloud Technologies".

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