

Welcome Note from Technical Program Co-Chairs

It is our great pleasure to welcome you to the IEEE International Black Sea Conference on Communications and Networking (BlackSeaCom 2023) in İstanbul, Türkiye. The conference aims to bring together cutting-edge research and technical contributions from academics, industry experts and leaders in the area of communications and networking from all over the world. The technical program consists of 10 full paper sessions covering a wide range of topics including macro/micro/nano-scale communications and protocols for future networks, research issues on real time applications such as video streaming, vehicular communications and IoT in challenging environments, as well as coverage of security vertical and learning domains. Along with the main track, the program includes inspiring keynote speeches and panels, work-in-progress and demo sessions and a special session on machine learning and intelligent algorithms for emerging wireless communications.

We have received 164 submissions of which 126 were full papers and 16 were for the special session. After a rigorous review process, 56 full papers for the main track and 5 papers for the special session were accepted, thus yielding an overall acceptance rate of 48.3% for full papers and 35.7% for the special session. The geographic breakdown of the authors from accepted papers is as follows: 39.6% were from Middle-East and Africa (EMEA), 31.4% from Europe, 11.9% from Asia/Pacific, and the rest from the Americas.

In overall, technical program of IEEE BlackSeaCom 2023 covers a broad range of topics related to the emerging technologies for communications and networking in 6G era. We believe that the concepts and technologies presented and discussed will contribute to the evolution toward next generation networks and Hyperconnectivity.

We would like to express our sincere gratitude to all reviewers, authors and presenters for their excellent work and contributions for the development of this strong technical program. Our special thanks to Organization Committee Members and the Special Session Chair Dr. Dmitry Bankov for their valuable time and effort.

We sincerely hope that you will enjoy the technical program of BlackSeaCom 2023 and find it at or beyond your expectations.

Sincerely,

Şebnem Baydere, Petros Spachos and Yunus Dönmez

Technical Program Co-Chairs, IEEE BlackSeaCom 2023