



**IEEE BlackSeaCom™**

3-6 June 2019 // Sochi, Russia



[www.ieee-blackseacom.org](http://www.ieee-blackseacom.org)

## 7<sup>th</sup> International Black Sea Conference on Communications and Networking

# CALL FOR PAPERS

The IEEE BlackSeaCom series of conferences are held in the countries surrounding the Black Sea. The goal of the IEEE BlackSeaCom is to bring together visionaries in academia, research labs and industry from all over the world to the shores of the Black Sea. Here they will address many of the outstanding grand challenges that exist in the areas of communications and networking while having an opportunity to explore this exciting and dynamic region that has a rich history.

Following the first six editions of the conference in Batumi, Georgia (2013), Chisinau, Moldova (2014, originally scheduled for Odessa, Ukraine), Constanta, Romania (2015), Varna, Bulgaria (2016), Istanbul, Turkey (2017), Batumi, Georgia (2018), the next edition will take place in Sochi, Russia in 2019.

We seek original, completed and unpublished technical papers not currently under review by any other journal, magazine or conference. Besides the regular technical papers, the conference also welcomes submission of poster papers which present work in progress, with preliminary results, as well as tutorials and demos.

### TECHNICAL SCOPE

- Network Architectures, SDN, NFV, SDR
- Cloud Communications and Data-center Networks
- Optical Networks and Systems, Radio over Fiber
- Mobile and Wireless Communications and Networking
- 5G Mobile Systems and their components
- Molecular and Nanoscale Communications
- Satellite and Space communications
- Underground and underwater communications
- Image, Speech and Signal Processing for Communications
- Big Data and Machine Learning for Communications
- Semantic Web and Ontologies
- Internet of Things, Smart grids, and Vehicular Networks
- Green Communications and Computing
- Network Applications and Services
- Analytical Models, Simulation, Testbeds & Prototypes
- Network Management and Cognitive Radio
- QoE/QoS Support and Cross-layer Optimization
- Performance Evaluation of Communication Systems
- Massive MIMO, Signal Processing, and Coding
- Advanced PHY and MAC techniques
- Security, Privacy, Trust and Blockchain
- Communications, Networking and Information Theory

### IMPORTANT DATES

#### Regular Technical Papers:

Submission deadline: **Feb. 4, 2019**  
Notification of acceptance: **Apr. 8, 2019**  
Camera-ready papers: **Apr. 22, 2019**  
(and authors registered)

#### Tutorials:

Submission deadline: **Feb. 4, 2019**  
Notification of acceptance: **Apr. 8, 2019**

#### Demos:

Submission deadline: **Feb. 4, 2019**  
Notification of acceptance: **Apr. 8, 2019**



#### General Co-Chairs

Alexander Gelman, USA ([adg@comsoc.org](mailto:adg@comsoc.org))  
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PLEASE NOTE: To be published in the IEEE BlackSeaCom 2019 Conference Proceedings (both regular technical papers and poster papers) and to be eligible for publication in the IEEE Xplore (only for regular technical papers), an author of an accepted paper is required to register for the conference at the full (IEEE member or non-member) rate and the paper must be presented by an author of that paper at the conference unless the TPC Chair grants permission for a substitute presenter arranged in advance of the event and who is qualified both to present and answer questions. Non-refundable registration fees must be paid prior to uploading the final IEEE formatted, publication-ready version of the paper. For authors with multiple accepted papers, one full registration is valid for up to 3 papers. Accepted and presented regular technical papers and poster papers will be published in the IEEE BlackSeaCom 2019 Conference Proceedings, while only accepted and presented regular technical papers will be submitted to IEEE Xplore.

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