# IEEE BlackSeaCom™
4-7 June 2018 // Batumi, Georgia

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## 6th International Black Sea Conference on Communications and Networking

# CALL FOR DEMOS

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 five editions of the conference in Batumi, Georgia in 2013, in Chisinau, Moldova in 2014 (originally scheduled for Odessa, Ukraine), in Constanta, Romania in 2015, in in 2016, in Istanbul, Turkey in 2017, and the next edition will take place in Batumi, Georgia again in 2018.

We seek original, completed and innovative papers that present work in progress, with preliminary results, tutorials and demos.

IEEE BlackSeaCom 2018 will feature a special demonstration session showcasing the latest technological advances in all areas of communications and networking technologies. The demonstration session will provide an exciting forum for researchers, developers to present and discuss new applications, techniques and prototypes.

Demonstrations showcasing working systems, research and development results/challenges, novel applications, ground-breaking ideas or future directions in communications and networking are welcome. Nascent and incubating companies wishing to demonstrate emerging and innovative technologies that have potential commercial application are particularly encouraged to participate. In particular, we are seeking demos from industrial researchers and companies in the following areas (but not limited to):

## TECHNICAL SCOPE

- Software Defined Networks and Network Virtualization
- Cloud Communication and Data-center Networks
- Internet of Things and Sensor Networks
- Smart grids, M2M and Vehicular Networks
- Social networking, eHealth, and Multimedia Applications
- Future Internet and Testbeds
- Network Management
- Communication and Information Theory Submission Guidelines
- Mobile and Wireless Communications and Networking
- 5G Mobile Systems
- Optical Networks and Systems, Radio over Fiber

- Cognitive Radio and Networking
- Security, Privacy and Trust
- Green Communications and Networks
- Molecular and Nanoscale Communications
- Signal Processing for Communications
- Internet applications Modelling, Semantic Web and Ontologies
- Mobile/Ad hoc wireless networks, sensor placement, target tracking
- Parallel and Distributed Architectures and Systems
- Image, Speech and Signal Processing
- Energy efficient computing and communication
- Big Data processing and analysis

## Submission guidelines

Prospective demo participants should prepare a one-page proposal describi
the demonstration, and listing the necessary requirements (e.g. space, power, instrumen
etc.). All submitted applications will be reviewed and decisions will be based on the degr
of appropriateness and quality for IEEE BlackSeaCom 2018. You may submit your der
proposal in PDF format via EDAS by visiting **https://edas.info/**

Please consult the Demo Sessions Chair via email if you are uncertain wheth
your demonstration falls within the scope of the conference or if you require additior
information.

## Presentations

Accepted demonstrations will be presented at the conference during a spec
demonstration session. The presenter is responsible for the demonstration and equipme
setup. Each demonstration can be accompanied by a poster or presentation describing it

## Contact Us

Demo Sessions Co-Chairs:  **Larysa Globa** (lgloba@its.kpi.ua)

**Lela Mirtskhulava** (lela.mirtskhulava@tsu.ge )

# Submission deadline: Feb 19, 2018

# Notification of acceptance: Mar. 18, 2018