



## CALL FOR PAPERS

### 3rd EAI International Conference on Future access enablers of ubiquitous and intelligent infrastructures

12-14 October, 2017 – Bucharest, Romania

Past editions: [2016](#), [2015](#)



#### SCENARIO

##### **The 3rd International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures (FABULOUS 2017)**

aims to gather prominent researchers from academia and industry, innovators and entrepreneurs in the broad areas of future wireless networks, ambient and assisted living and smart infrastructures in order to interact, exchange ideas, expertise, experience and know-how and discuss the latest results and achievements in the aforementioned topics of interest.

Recent technology convergence within the ICT domain followed by increased user personalization triggers a need for multidisciplinary approaches tackling future networking problems from different perspectives. **FABULOUS 2017** will provide a forum for its participants and trigger important discussions towards fulfillment of the conference scope.

Special emphasis will be put on the analysis of practical use-cases and business opportunities in different parts of the world showcasing the social influence of the ICT.

##### **Potential topics of interest include, but are not limited to, the following application domains:**

###### **Future access networks:**

- 5G access networks
- Cloud RANs
- Self-organizing networks
- Ad-hoc networking
- Cognitive radio & Dynamic spectrum access
- Spectrum offloading
- Tactile Internet
- mmW and cmW bands for future access

- Optical wireless communications
- Antenna and radio propagation
- RF devices

###### **Internet of Things and Smart City / Smart Environment applications:**

- Wireless sensor networks and practical applications
- Machine-to-machine (M2M) & device-to-device (D2D) communications
- Vehicular communications
- Smart grids
- eHealth & eCare solutions
- Energy efficiency and green solutions

###### **Communications & Computing Infrastructures:**

- High Speed / High Capacity Networks
- Optical networks
- Cloud computing
- Software defined networking
- Big data & Data mining

###### **Security aspects in communications and data processing:**

- Physical security
- Privacy and confidentiality in data communications and data processing
- Cryptography
- Multimedia & content security

###### **Signal processing & Multimedia:**

- Advanced algorithms for signal processing
- Positioning and localization
- Video and Image signal processing
- Audio processing
- Third sense multimedia & communication

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## Perspective

**FABULOUS 2017** solicits original and previously unpublished papers targeting research challenges, advances and business opportunities towards a world of smart environments enabled by broadband and pervasive communications.

The evolution of the ubiquitous interconnected digital surroundings offers an increasing wealth of opportunities for novel access and core technologies, novel applications and services and novel communications solutions that shift the paradigm towards user-centric approaches.

We expect original work, not currently under review by another conference or journal, which describes theoretical work validated by simulation or experimental studies. Developed proof-of-concepts and testbeds are of particular interest.

## IMPORTANT DATES

### **Full Paper Submission Deadline**

**21<sup>th</sup> May 2017**

### **Special Session proposal Deadline**

**21<sup>th</sup> April 2017**

### **Special Session Paper Submission Deadline**

**21<sup>th</sup> May 2017**

### **Notification Acceptance**

**16<sup>th</sup> June 2017**

### **Camera-ready Deadline**

**5<sup>th</sup> July 2017**

### **Start of the Conference**

**12<sup>th</sup> October 2016**

### **End of the Conference**

**14<sup>th</sup> October 2016**

**SES**<sup>▲</sup>

beyond frontiers

*SES, the world-leading operator of ASTRA satellites, is offering their support to cover the conference fees of 5 young researchers. A competition is launched to allocate them, based on the quality of the submitted papers (min 2 papers as author or co-author)*

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## Highlights

- The event is endorsed by the [European Alliance for Innovation](#), a leading community-based organization devoted to the advancement of innovation in the field of ICT.
- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries.
- Proceedings are submitted for inclusion to the leading indexing services: Elsevier (EI), Thomson Scientific (ISI), Scopus, Crossref, Google Scholar, DBLP.
- Best Papers will be considered for publication in the [EAI Endorsed Transactions on Pervasive Health and Technology](#).

## Paper Submission

Regular papers should be no more than **6 pages** in length. Complete formatting and submission instructions can be found on the conference website.

- Submissions will be reviewed anonymously by at least three expert reviewers.
- Papers will be judged on originality, correctness, clarity and relevance.
- Submission of the paper implies agreement of the author(s) to attend the conference and present the paper if accepted. We reserve the right to exclude papers accepted but not presented from the conference proceedings submitted for archiving and indexing.

Full details of submission procedures are available [here](#).

## Special Sessions

In addition to the regular track that covers general/mainstream topics, Fabulous 2017 could feature several special sessions that could focus on specific, emerging or underrepresented topics. All accepted special session papers will be included as conference papers in the proceedings. If you are interested in organizing a Special Session, please contact us ([ofratu@elcom.pub.ro](mailto:ofratu@elcom.pub.ro) & [lenka.laukova@eai.eu](mailto:lenka.laukova@eai.eu)).

### **PAPER SUBMISSION within the Special Sessions:**

Papers should be in English.

Papers should be up to 6 pages in length.

Previously published work may not be submitted; nor may the work be concurrently submitted to any other conference or journal. Such papers will be rejected without review.

A special session is a group of 6 papers (or multiple of 6), organized on the initiative of any volunteer proposing NO MORE than 2 papers inside. Special session topics must be in areas consistent with those of the Fabulous 2017 Conference theme.

In order to avoid that Special Sessions tend to draw papers from Regular Tracks, the Special Sessions on Topics not enough specific and too general will be rejected.

**Organizer Instructions** are available [here](#)

## Publication

All presented papers in the conference will be published in the proceedings of the conference. We reserve the right to exclude papers accepted but not presented from the conference proceedings submitted for archiving and indexing.

The authors of the best papers will be invited to submit an extended version of their work through one of the following EAI endorsed publications:

[EAI Endorsed Transactions on Pervasive Health and Technology](#).

Accepted papers will be published in the FABULOUS Conference Proceedings and by Springer-Verlag in the [Lecture Notes of ICST](#) (LNICST). The proceedings will be available both in book form and via the SpringerLink digital library, which is one of the largest digital libraries online and covers a variety of scientific disciplines.

**The proceedings are submitted for inclusion to the leading indexing services: Elsevier (EI), Thomson Scientific (ISI), Scopus, Crossref, Google Scholar, DBLP.**

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