



**IEEE International Conference on Communications
20-24 May 2018 // Kansas City, MO, USA**

COMMUNICATIONS FOR CONNECTING HUMANITY



CALL FOR PAPERS

SELECTED AREAS IN COMMUNICATIONS SYMPOSIUM

E-HEALTH TRACK

Track Chair

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Scope and Topics of Interest

E-Health technologies will play an important role in medical solutions and healthcare. Information and communication technologies could be applied in healthcare services to improve efficiency and effectiveness. The E-Health Track of ICC 2018 will provide a forum to share recent updates on new technologies and applications in the E-Health area. This track invites participation from both academic and industry researchers working in any aspect related to E-Health. Authors are invited to submit original technical papers on the following topics, but not limited to:

- Autonomic diagnosis and scenario awareness
- Artificial intelligence for E-Health applications
- Biomedical and biosensors engineering and applications
- Body area networks and wearable sensor systems
- Clinical decision support systems and tools
- Cloud computing and big data analytics for E-Health
- Communication architecture, protocols and algorithms for E-Health
- E-Health information and network infrastructure
- E-Health oriented software architectures
- E-Health services design and implementation
- Emerging E-Health applications
- Health monitoring and traffic characterization
- ICT-enabled personal health system
- Internet of Things for E-Health solutions
- Image and video processing and transmission for E-Health
- Mathematical models and simulation methods
- Mobility and localization in wireless healthcare
- Pervasive and ubiquitous computing on E-Health
- Remote services for E-Health
- Security and privacy on E-Health
- Telemedicine and mobile telemedicine
- Virtual and augmented reality for E-Health
- Wireless access to E-Health services and effectiveness

Submission Guidelines

The IEEE ICC 2018 website provides full instructions on how to submit papers & the paper format.

You will select the desired symposium/track when submitting.

The paper submission deadline is October 15, 2017.

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at <http://edas.info/>