



IEEE International Conference on Communications
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Empowering Intelligent Communications

CALL FOR PAPERS

SELECTED AREAS IN COMMUNICATIONS SYMPOSIUM

E-HEALTH TRACK

Track Chair

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Scope and Topics of Interest

The e-Health Track - SAC will focus on advances in e-Health and medical communications. It provides a forum for discussion of recent developments, bringing together researchers, scientists, engineers, academicians and students all around the world to present their cutting-edge innovations in all aspects of the field and share the latest updates on new technologies, solutions and applications that would shape the new generation of networks and systems related with healthcare and medicine.

e-Health is one of the major research topics that have been attracting cross-disciplinary research groups. The deployment of new emerging ICT technologies for Health is attracting the interest of many researchers. New solutions continue to be developed to create safer health care environments. The rapid growth of using such devices and technologies in medical fields has created new opportunities for emerging application development. However, despite the huge progress that has been achieved enormous challenges still remain to be resolved in order to develop flexible, reliable, secure, and power-efficient networks suitable for medical needs.

To ensure complete coverage of the advances in this field, the E-Health Track of the SAC Symposium solicits original contributions in, but not limited to, the following topical areas:

- IoT on eHealth
- Biomedical and biosensors engineering
- Sensing of vital signs and signatures
- Wearable medical wireless sensors
- In-Body medical sensors communications
- Energy saving for long time monitoring
- Molecular sensor communications
- Big data for e-Health
- E-Health-oriented software architectures
- Autonomic diagnosis and situation awareness
- Context awareness and autonomous computing for Ambient Assisted Living
- Health and wellness measurement, monitoring and intervention
- Telemedicine and mobile telemedicine
- Mobile and cloud computing for e-Health
- Health grid and health cloud
- Health monitoring and traffic characterization
- Usability and acceptability in e-Health

- Emerging e-Health applications
- Smart and connect health
- Health information systems and interoperability
- Future technologies for the health of the ageing brain
- Social aspects of e-Health
- Communication protocols and algorithms for e-Health
- Security, trust and privacy in e-Health
- Blockchain for e-Health
- Machine Learning for e-Health
- Data mining, Apps and Analytics for e-Health

Submission Guidelines

The IEEE ICC 2019 website provides full instructions on how to submit papers and the paper format.

You will select the desired symposium/track when submitting papers.

The paper submission deadline is October 14, 2018.

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