

Call for Papers for Symposium on Selected Areas in Communications eHealth Track

Scope and motivation

The eHealth Track of the Selected Areas in Communications Symposium seeks to attract contributions describing new cost-effective and secure information and communication technologies in support of health and related fields, including health-care related services, surveillance, education, knowledge, and research. The adoption of eHealth technologies in the medical field poses many challenges and requires the cooperation between specialists with diverse backgrounds. Topics of interest include, but are not limited, to:

- Body sensor networks and wearable sensor systems
- Channel modeling radio propagation issues for eHealth
- Electromagnetic Radiation and Human tissues
- Clinical biofeedback, decision support systems, and tools
- Electronic health record and underlying network infrastructure
- Emerging eHealth applications
- Environmental monitoring for eHealth
- Protocols and algorithms for the PHY, MAC and Network Layer
- Health grid and health cloud
- Health monitoring, traffic characterization and management
- ICT-enabled personal health system
- Image and video processing for eHealth
- Machine-to-machine for body sensor networks
- Pervasive computing for eHealth
- Security, authentication, cryptography and privacy for eHealth
- Virtual reality and eHealth
- New wireless medical device systems
- Energy efficient and low-power consumption protocols
- Energy Harvesting for BAN
- Real life experimental platforms, prototypes and pilot studies
- Regulatory issues

Sponsoring Technical Committee

- E-Health

How to Submit a Paper:

The IEEE Globecom 2015 website provides full instructions on how to submit papers

Syposium Track-Chair:

Christos Verikoukis

Telecommunications Technological Centre of Catalonia

cveri@cttc.es



Dr. Christos Verikoukis got his Ph.D. from the Technical University of Catalonia in 2000. He is currently a Senior Researcher at CTTC and an Adjunct Associate Professor at Barcelona University (UB).

He has published 69 journal papers and over 140 conference papers. He is also co-author in 3 books, 14 chapters in different books and in 2 patents. He has supervised 15 Ph.D. students and 5 Post Docs researchers since 2004.

Dr. Verikoukis has participated more than 30 competitive projects while he has served as the Principal and Technical Manager in some of them. He appointed to serve as a EU-independent expert acting evaluator in FP7, ARTEMIS-JU and H2020 projects as well as in research funded projects in Greece, Spain, Jordan, Serbia and Canada.

Dr. Verikoukis is currently serving as the General Co-Chair of the 19th IEEE CAMAD2014, the TPC Chair of the 6th IEEE Latincom and the IEEE ICC2015 CQRM Symposium Co-Chair. He was the General Chair of the 17th and 18th IEEE Workshop on Computer-Aided Modeling, Analysis, and Design of Communication Links and Networks (IEEE CAMAD12 and IEEE CAMAD13) and the TPC Co-Chair of the 15th IEEE International Conference on E-health Networking, Application & Services (Healthcom13). He has served as co-editor in 7 special issues. He has also served as a TPC member in numerous of IEEE conferences (e.g. ICC, Globecom, etc.). He is also a regular reviewer in a number of international journals.

He is currently an officer (Secretary) of the IEEE ComSoc Technical Committee on Communication Systems Integration and Modeling (CSIM).

Dr. Verikoukis received the best paper award of the Communication QoS, Reliability & Modeling Symposium (CQRM) symposium in the IEEE ICC11 conference and the EURASIP 2013 Best Paper Award for the Journal on Advances in Signal Processing.