

# **Call for Papers for Symposium on Selected Areas in Communications - eHealth Track, 2016 IEEE Global Communications Conference (Globecom 2016)**

## **Scope and Motivation**

O The Symposium on Selected Areas in Communications - eHealth Track provides a forum for discussion of recent developments, bringing together researchers, scientists, engineers, academicians and students all around the world to share the latest updates on new technologies and applications that would shape the next generation of networks and systems related with medicine and healthcare. eHealth technologies play an important role in medical solutions and healthcare. 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, enormous challenges still remain to be resolved in order to develop flexible, reliable, secure, and power-efficient networks suitable for medical needs.

This track invites participation from both academic and industry researchers working in any aspect related to eHealth. Authors are invited to submit original technical papers on any of the following main topics of interest (but are not limited to):

- Autonomic Diagnosis and Situation Awareness (Fall, Activity, etc.)
- Biomedical and biosensors engineering
- Body sensor networks and wearable sensor systems
- Clinical biofeedback
- Clinical decision support systems and tools
- Context Awareness and Autonomous Computing for AAL (Ambient Assisted Living)
- eHealth information and network Infrastructure
- eHealth oriented Software Architectures (Agent, SOA, Middleware, etc.)
- eHealth virtual and augmented reality
- Emerging eHealth applications
- Health grid and health cloud
- Health monitoring and traffic characterization

- Healthcare management
- ICT-enabled personal health system
- Image and video processing on eHealth
- Molecular Sensor Communications
- Pervasive and ubiquitous computing on eHealth
- Security, trust, and privacy on eHealth
- Social aspects of eHealth
- Telemedicine and mobile telemedicine
- Usability and Acceptability
- Wireless medical device systems and effectiveness
- Communication protocols and algorithms for eHealth

### **Sponsoring Technical Committees:**

IEEE ComSoc Technical Committee on eHealth

### **How to Submit a Paper:**

The IEEE Globecom 2016 website provides full instructions on how to submit papers. You will select the desired symposium when submitting. The firm paper submission deadline is April 1, 2016. **Unlike recent ICC's and Globecom's, this is a hard deadline that will not be extended.**

### **Symposium Co-Chairs:**

Jaime Lloret, Polytechnic University of Valencia, Spain, (jlloret@dcom.upv.es)

### **Biography**





Prof. **Jaime Lloret** (jlloret@dcom.upv.es) received his M.Sc. in Physics in 1997, his M.Sc. in electronic Engineering in 2003 and his Ph.D. in telecommunication engineering (Dr. Ing.) in 2006. He is a Cisco Certified Network Professional Instructor. He worked as a network designer and administrator in several enterprises. He is currently Associate Professor in the Polytechnic University of Valencia. He is the head of the research group "Communications and Networks" of the Integrated Management Coastal Research Institute and he is the head of the "Active and collaborative techniques and use of technologic resources in the education (EITACURTE)" Innovation Group. He is the director of the University Diploma "Redes y Comunicaciones de Ordenadores" and the University Master "Digital Post Production". He is currently Chair of the Internet Technical Committee (IEEE Communications Society and Internet society). He has authored 22 book chapters and has more than 340 research papers published in national and international conferences, international journals (more than 110 with ISI Thomson JCR). He has been the co-editor of 38 conference proceedings and guest editor of several international books and journals. He is editor-in-chief of the "Ad Hoc and Sensor Wireless Networks" (with ISI Thomson Impact Factor), international journals "Networks Protocols and Algorithms", and International Journal of Multimedia Communications, IARIA Journals Board Chair (8 Journals) and he is (or has been) associate editor of 46 international journals (16 of them with JCR). He has been involved in more than 320 Program committees of international conferences and more than 130 organization and steering committees. He leads many national and international projects. He is currently the chair of the Working Group of the Standard IEEE 1907.1. He has been general chair (or co-chair) of 26 International workshops and conferences (chairman of SENSORCOMM 2007, UBICOMM 2008, ICNS 2009, ICWMC 2010, eKNOW 2012, SERVICE COMPUTATION 2013, COGNITIVE 2013, and ADAPTIVE 2013, and co-chairman of ICAS 2009, INTERNET 2010, MARSS 2011, IEEE MASS 2011, SCPA 2011, ICDS 2012, 2nd IEEE SCPA 2012, GreeNets 2012, 3rd IEEE SCPA 2013, SSPA 2013, AdHocNow 2014, MARSS 2014, SSPA 2014 IEEE CCAN 2015, 4th IEEE SCPA 2015, IEEE SCAN 2015, ICACCI 2015, SDRANCAN 2015 and local chair of MIC-WCMC 2013 and IEEE Sensors 2014). He is IEEE Senior and IARIA Fellow.