

**Call for Papers for
Selected Areas in Communications Symposium
e-Health**

Symposium Track Chair

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Submissions must be done through EDAS at <http://edas.info/N20927>

Scope and Motivation

The e-Health SAC Symposium will focus on the advance in e-Health and medical communications. E-Health is defined as a cost-effective and secure use of information and communications technologies in the support of health and the related fields, including health-care related services, monitoring, knowledge and research as local and remote sites. ICT has recognized as one of the main technology that will help to develop cost-effective e-Health solution. However despite the huge progress that have been achieved many challenges still need to be solved in order to build effective and acceptable solutions.

Main Topics of Interest

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

- Telemedicine and mobile telemedicine
- Biomedical and biosensors engineering
- Sensing of vital signs and signatures
- Wearable medical wireless sensors
- Energy saving for long time monitoring
- In-Body medical sensors communications
- Molecular sensor communications
- E-Health-oriented software architectures (Agent, SOA, Middleware, etc.)
- Autonomic diagnosis and situation awareness (Fall, Activity, etc.)
- Context awareness and autonomous computing for AAL (Ambient Assisted Living)
- Health and wellness measurement, monitoring and intervention
- Security, trust and privacy in e-Health
- Usability and acceptability in e-Health
- Emerging e-Health applications
- Mobile and cloud computing for e-Health
- Health information systems and interoperability
- Social aspects of e-Health
- Electronic health records

Biography of Track Chair

Joel J.P.C. Rodrigues (joeljr@ieee.org) [S'01, M'06, SM'06] is a professor in the Department of Informatics of the University of Beira Interior, Covilhã, Portugal, and senior researcher at the *Instituto de Telecomunicações*, Portugal. He received the Habilitation in computer science and engineering from the University of Haute Alsace, France, a PhD degree in informatics engineering, an MSc degree from the University of Beira Interior, and a five-year BSc degree (licentiate) in informatics engineering from the University of Coimbra, Portugal. His main research interests include sensor networks, e-health, e-learning, vehicular delay-tolerant networks, and mobile and ubiquitous computing. He is the leader of NetGNA Research Group (<http://netgna.it.ubi.pt>), the Chair of the IEEE ComSoc Technical Committee on eHealth, the Past-chair of the IEEE ComSoc Technical Committee on Communications Software, Steering Committee member of the IEEE Life Sciences Technical Community, Member Representative of the IEEE Communications Society on the IEEE Biometrics Council,

and officer of the IEEE 1907.1 standard. He is the editor-in-chief of the International Journal on E-Health and Medical Communications, the editor-in-chief of the Recent Advances on Communications and Networking Technology, the editor-in-chief of the Journal of Multimedia Information Systems, and editorial board member of several journals. He has been general chair and TPC Chair of many international conferences, including IEEE ICC and GLOBECOM. He is a member of many international TPCs and participated in several international conferences organization. He has authored or coauthored over 400 papers in refereed international journals and conferences, a book, and 3 patents. He had been awarded several Outstanding Leadership and Outstanding Service Awards by IEEE Communications Society and several best papers awards. Prof. Rodrigues is a licensed professional engineer (as senior member), member of the Internet Society, an IARIA fellow, and a senior member ACM and IEEE.