

CALL FOR PAPERS

IREHSS 2009

**First IEEE WoWMoM International Workshop on
Interdisciplinary Research on E-Health Services and Systems
June 15 2009, Kos Island, Greece**

<http://www.iress.org>

OVERVIEW

The use of advanced telecommunication technologies for the support of health monitoring, healthcare delivery, and education (commonly referred to as E-Health) is one of the most rapidly growing areas in health research today.

The field of E-Health will permit a fundamental redesign of healthcare processes based on the use and integration of electronic communication at all levels. Therefore, the actors involved in the e-health process are not only the doctors and the patients, as in the past, but also communication scientists and engineers. Hot discussion topics include the use of mobile technologies in healthcare, home automation technologies, telemedicine applications, bioinformatics, and the use of the Internet in healthcare.

This workshop aims to bring together researchers from the fields of networking, information systems, sensor technology, as well as individuals working across these various fields (for instance, specialists of Body Area Networks or wearable system design). The main objective is to provide a forum for the exchange of ideas and the discussion of solutions in order to share experiences among researchers, professionals, and application developers from both industry and academia.

Original papers describing completed work or work in progress in the field of E-Health are solicited.

Topics of interest include but are not limited to:

- Wearable systems and sensors
- Body Area Networks
- Non implantable sensors for human physiological and vital parameters
- Sensor-based systems and applications for E-Health
- Power Management and energy-efficient design in Wireless Body Area Networks
- Communication systems architecture for E-Health
- Home automation system for E-Health
- Middleware and software tools for e-health
- Networking architectures and protocols for e-health
- Medical data analysis and management
- Data gathering, aggregation and dissemination
- Security, Privacy and Trust in E-health
- Modeling and performance evaluation
- Measurements
- Semantic Web in Healthcare
- Context and activity recognition
- User and usability studies

- Experience reports from real life deployment

PAPER REGISTRATION AND SUBMISSION

To register and submit a paper, please use the EDAS submission server at the link <http://edas.info/newPaper.php?c=7211&>

Authors should prepare a PDF file following the IEEE single-space, two-column format using at least 10 point size type. Please use only standard fonts such as Times Roman, Courier, Symbol, and Helvetica. The IEEE LaTeX and Microsoft Word templates, as well as related information, can be found at the IEEE Computer Society website <http://www.computer.org/portal/site/cscps/index.jsp>

Papers should describe original work and should be no more than 6 pages, double column, IEEE style including tables, figures and references.

WORKSHOP REGISTRATION AND PAPERS PUBLICATION

In line with previous editions, there will be NO workshop-only registration. Conference registration includes attendance to all WoWMoM associated workshops, CD proceedings, lunches etc. Moreover, each workshop paper will need to have at least one author register at the FULL conference rate. The workshop papers will be included in the main WoWMoM proceedings and published by the IEEE.

Papers of special merit might be considered for possible fast track publication in the Computer Communications journal. (COMCOM, <http://www.elsevier.com/locate/comcom>)

IMPORTANT DATES:

Paper registration due	February	15, 2009
Paper submission due	February	20, 2009
Notification of acceptance	March	15, 2009
Final manuscripts due	April	18, 2009

WORKSHOP GENERAL CHAIRS

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