MobiHealth
Wireless Mobile Communication and Healthcare

7th EAI International Conference on
Wireless Mobile Communication and Healthcare
"Transforming healthcare through innovations in mobile and wireless technologies"

NOVEMBER 14–16, 2017 | VIENNA, AUSTRIA   **www.mobihealth.name**

Important dates

Proposal for Tutorials:	15 April 2017
Proposal for Workshops:	15 April 2017
Full Paper Submission:	31 May 2017
Notification & Registration:	15 Aug. 2017
Camera-ready Deadline:	15 Sep. 2017

Workshops

1. Advances in Personalized Healthcare Services, Wearable Mobile Monitoring, and Sensing Pervasive Technologies (APHS), *Workshop Chair:* **Dr. Emmanouil G. Spanakis**

2. Advances in Sensors and Biosignal Processing for Wearable Technologies (SBPW), *Workshop Chair:* **Prof. Ivo Fridolin**

Description

Mobihealth is a relatively young but successful conference in the area of healthcare using wearable, mobile and wireless technologies. MobiHealth is a highly interdisciplinary conference which brings together audience from academic, industrial, and healthcare sectors with cutting edge original contributions from across the globe. The 7th edition of MobiHealth proposes to continue and extend the focus areas of the first 6 editions by addressing a wide range of research and scientific challenges in the Healthcare Technology domain faced in Europe and globally. This event is endorsed by the European Alliance for Innovation, a leading community-based organization devoted to the advancement of innovation in the field of ICT.

All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries. Proceedings will be submitted for inclusion to the leading indexing services: DBLP, Google Scholar, Thomson Scientific ISI Proceedings, EI Elsevier Engineering Index, CrossRef, Scopus, as well as EAI's own EU Digital Library (EUDL). Moreover, authors from a selection of accepted papers will be invited to submit an extended version of their work to Special Issue in the "Pervasive Health and Technology", and/or "Mobile Communication and Applications".

Keynote Speaker: Prof. Rosalind Picard, Media Lab, Massachusetts Institute of Technology (MIT)

The main themes include (but are not limited to):

Mobile and e-Health Systems ◉ Innovation in Healthcare Technology ◉ E-Health services ◉ Mobile and e-Health applications ◉ Internet of Things (IoT) and Fog Computing in Healthcare ◉ Wearable and Implantable Devices ◉ Data Collection and Data Mining in e-Health Applications ◉ Mobile and e-Health Circuits and Systems ◉ Printable Electronics for Healthcare Applications ◉ Energy in Biomedical Devices ◉ Harvesting Management and Optimization ◉ Self-systems for Healthcare ◉ E-Health Software Design ◉ E-Health Application Design for Cellular Phones ◉ Daily Healthcare ◉ Advances in sensor devices for biomedical monitoring ◉ Intra-body communication issues (propagation & transmission) ◉ Body Area networks (architectures, protocols, scheduling, etc.) ◉ Heterogenous and in-/on-/out- networks ◉ Wearable, outdoor and home-based applications ◉ Data collection and management at hubs, mobile devices and gateways ◉ Energy management and optimisation issues in biomedical devices and networks ◉ Decision support algorithms for data analysis ◉ Healthcare telemetry and telemedicine ◉ Remote diagnosis and patient management ◉ Accuracy, reliability, security, protection, identity, privacy, of diagnoses and data ◉ All-pervasive wireless systems for health applications ◉ Factoring in the environment (hospitals, nursing homes, assisted living, etc.)

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