Mobile Health Care and Training (MHCT)

Overview

Recent advances in mobile technologies have acted as catalysts for significant developments in the sector of health care, affecting strongly health practice and services, patient and healthcare management and, of course, health training and education. There is nowadays an international trend to involve mobile devices and ubiquitous access to Internet in medical curricula and in continuing life-long medical learning, in health monitoring, in active and healthy aging, lifestyle and well being management. In tandem to the above a plethora of technological (mobile based) interventions emerge for various health cases like those of chronic diseases, developmental, affective and socio-behavioural disorders bringing about radical changes to health care services and routine treatment and follow-up practice.

This special track aims to bring together researchers in the multi-disciplinary areas of Mobile Health and Health Training and Education as well as health care and clinical practice and to provide a forum for the presentation and discussion of their research activities. Academics, scientists, psychologists, clinicians, engineers, computer scientists and managers involved in all the above fields, as well as, managers of funded relevant research projects are encouraged to submit papers to this special track. We therefore welcome paper/poster submissions and delegates from the worldwide Health and Computing community, particularly those involved in funded research projects as well as those with training/teaching responsibilities.

Authors are invited to submit their research contributions or practical experience reports. All papers will be peer reviewed by at least two referees. The track provides its attendees with an opportunity to experience state-of-the-art research and development in a variety of topics directly and indirectly related to their own work, as well as, an opportunity to come up-to-date on important issues involved in the enhancement of health care and training/education with mobile technologies.

Topics

- Medical apps for life-long medical learning
- Responsive environments for mobile learning in Health Education
- Adaptive and intuitive mobile health & learning systems
- Web semantics in Mobile Health & Education
- Individualization of learning experiences with mobile technologies
- Mobile User Interfaces and usability in Health care and Education
- Mobile systems for Active and Healthy Aging
- Mobile Exergaming
- Cultural Issues of mobile medical training & learning
- Mobile based health interventions
- Mobile and Ubiquitous Health Monitoring
- Mobile Web Collaboration for Medical Teaching
- The role of big open data in mobile health
- Mobile Assistive technologies for the Disabled
- Pedagogy in Mobile Health Education
- Evaluation of Mobile Health Education Approaches
- Mobile Technologies for Clinical Skills Laboratories
- Virtual Collaborative Clinical Practice and Education on mobile devices
- Mobile Health and Patient Training
- Mobile Health Technology Assessment
- Mobile health & Education Project Management

Contribution Types

Proposals for participation in the Special Session can be submitted in the following formats:

- Full Papers – These include mainly accomplished research results and have 5 pages.
- Short Papers – These are mostly composed of work in progress reports or fresh developments and have 3 pages.

All submissions will be peer-reviewed by at least two reviewers. All accepted papers will be included in the conference proceedings published through IEEE Xplore®, provided at least one author pays the registration fee before October 1st 2014. For further questions, please contact the track chairs: Panagiotis Bamidis, Dimitris Spachos or visit the track web page: http://medphys.med.auth.gr/mei/mobilehealth

Important Dates

20 Sep 2014   Special session papers submission deadline
22 Sep 2014   Special session papers notification of acceptance
01 Oct 2014   Author registration deadline
13 Oct 2014   Camera-ready due
13 Nov 2014   IMCL2014 opening

Submission

Please visit: http://imcl-conference.org/imcl2014/submission.php and submit your paper in the respective special session titled **"Mobile Health Care and Training".**

Program Committee

Chairs of the session:

Panagiotis Bamidis, Dimitris Spachos, Evdokimos Konstantinidis, Medical School, Aristotle University of Thessaloniki, Greece

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