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Electronic Healthcare

Third International Conference, eHealth 2010
Casablanca, Morocco, December 13-15, 2010
Revised Selected Papers

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Preface

It is our great pleasure to introduce the special issue of LNSV compiled from scientific presentations at the Third International ICST Conference on Electronic Healthcare for the 21st Century (eHealth 2010) that took place in Casablanca, Morocco, during December 13–15, 2010.

Building on the very successful First and Second eHealth conferences, held in London and Istanbul, respectively, the aim of eHealth 2010 was to bring together experts from academia, industry and global healthcare institutions, such as the WHO and ECDC, to stimulate cutting-edge research discussions, share experience with real-world healthcare service providers and policy makers, as well as provide numerous business and networking opportunities. It is reassuring to see that in 3 years, this event has established itself as the key annual conference in the domain of eHealth, with a fast-growing professional and scientific community.

For the first time, eHealth was co-located with two well-established workshops: the 5th International Workshop on Personalization for eHealth (Pers4eHealth2010) and the 6th Workshop on Agents Applied in Healthcare (A2HC2010).

We accepted 30 full technical presentations by speakers from all over the world, having received over 70 submissions in total. These, along with 12 papers from the 2 collocated workshops, appear in these proceedings and cover a wide range of topics including: Web intelligence; privacy, trust and security; ontologies and knowledge management; eLearning and education; Web 2.0 and online communities of practice; and performance monitoring and evaluation frameworks for healthcare.

We also had the privilege of hosting two prestigious keynote speakers. Najeed Al Shorbaji from the World Health Organization delivered a talk on global eHealth challenges and Mathew Swindells, the Health Chair of the British Computer Society, presented his experiences designing and delivering large-scale ICT healthcare solutions. Both talks stimulated some interesting discussions, with many participants making real-time comments via Twitter using the hash-tag *#ehealth2010*.

In addition to our two keynote speakers, we invited representatives from a number of commercial organizations, hospitals, and public health bodies, including Frank Wartena (Philips Research Europe), Frederic Lievens (Med-e-Tel, Luxembourg), Jeremy Nettle (Oracle Corporation), Neill Jones (First Databank UK), Maurice Mars (University of KwaZulu-Natal, South Africa), Alberto E. Tozzi (Bambino Gesù Hospital, Italy), Erik van der Goot (European Commission—Joint Research Centre, Italy), and Salwa Rafee (Global Healthcare & Life Sciences Management Team at IBM, France).

To encourage discussion and sharing of ideas and opinions between participants, two panels were held at eHealth 2010. Laszlo Balkanyi (ECDC, Stockholm, Sweden) organized the *ePublicHealth Data Interoperability* panel that discussed and explored the possibility of an agenda that would improve the visibility and usability of information provided by EU public health bodies through interoperability of services and an adoption of shared standards. Femida Gwadry-Sridhar (Lawson Health Research Institute, Canada) chaired the *Evidence-Based eHealth Applications* panel where the utility of novel Web technologies (such as social media) was debated, in particular how to best provide users with access to the most accurate and up-to-date information possible.

Furthermore, eHealth 2010 also held a joint Poster and Demo session (chaired by Ed de Quincey and Gayo Diallo) – an informal session on the first evening of the conference that allowed participants to demonstrate and share new ideas. Ten posters and eight demonstrations were accepted and provided a good catalyst for discussion among the participants.

Finally, we would like to thank everyone who contributed to making eHealth2010s such a success: the authors of all submitted papers, the speakers, the invited and the keynote presenters, the Programme Committee members, reviewers and Session Chairs and above all the Local Chair, Hassan Ghazal, together with his student volunteers and local organizers. Finally, we thank ICST and Create-Net for sponsoring the event, and Springer for publishing this LNSV book.

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