

eTELEMED 2012

Forward

The fourth edition of The International Conference on eHealth, Telemedicine, and Social Medicine (eTELEMED 2012), held in Valencia, Spain, on January 30th – February 4th, 2012, considered advances in techniques, services, and applications dedicated to a global approach of eHealth.

Development of wireless homecare, of special types of communications with patient data, of videoconferencing and telepresence, and the progress in image processing and data protection increased the eHealth applications and services, and extended Internet-based patient coverage areas. Social and economic aspects as well as the integration of classical systems with the telemedicine systems are still challenging issues.

eTELEMED 2012 provided a forum where researchers were able to present recent research results and new research problems and directions related to them. The topics covered aspects from classical medicine and eHealth integration, systems and communication, devices, and applications.

We take this opportunity to thank all the members of the eTELEMED 2012 Technical Program Committee as well as the numerous reviewers. The creation of such a broad and high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to the eTELEMED 2012. We truly believe that, thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the eTELEMED 2012 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that eTELEMED 2012 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in eHealth and Telemedicine research.

We also hope the attendees enjoyed the beautiful surroundings of Valencia, Spain.

eTELEMED 2012 Chairs

Lisette Van Gemert-Pijnen, University of Twente - Enschede, The Netherlands

Hans C. Ossebaard, National Institute for Public Health and the Environment - Bilthoven, The Netherlands

Amir Hajjam-El-Hassani, University of Technology of Belfort-Montbéliard, France

Päivi Hämäläinen, The National Institute for Health and Welfare - Helsinki, Finland

Frank Lievens, Med-e-Tel, Belgium

Åsa Smedberg, Stockholm University/The Royal Institute of Technology, Sweden

Sincalir Wynchank, Telemedicine Consultant - Medical Research Council, South Africa

Piero Giacomelli, TESAN S.p.A. - Vicenza, Italy