

Preface

eTELEMED 2010

The second edition of The International Conference on eHealth, Telemedicine, and Social Medicine (eTELEMED 2010), held in St. Maarten, Netherlands Antilles, February 10th- 16th, 2010, 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 2010 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.

eTELEMED 2010 also included

- MLMB 2010: The First International Workshop on Applications of Machine Learning Techniques in Medicine and Biology
- BUSMMed 2010: The International Workshop on Business Modeling for the Next Generation of Telemedicine Systems and Services

We take this opportunity to thank all the members of the eTELEMED 2010 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 2010. 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 2010 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that eTELEMED 2010 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.

The beautiful places of St. Maarten surely provided a pleasant environment during the conference and we hope you had a chance to visit the surroundings.

eTELEMED 2010 Chairs

Edward Clarke Conley, Healthcare ICT Research/Diabetes Research Unit,
Cardiff University School of Medicine, Welsh e-Science Centre/
Cardiff University School of Computer Science, UK

Charles Doarn, University of Cincinnati / UC Academic Health Center,
American Telemedicine Association, Chief Editor - Telemedicine
and eHealth Journal, USA

Joseph Finkelstein, The Johns Hopkins Medical Institutions - Baltimore, USA

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

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

Kari Harno, Chief Physician/Helsinki University Central Hospital, Sweden

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

Robert J. Rosati, Center for Home Care Policy and Research - New York, USA

Ashfaq Shuaib, Stroke Program / University of Alberta, Canada

Lisette van Gemert-Pijnen, University of Twente, The Netherlands

Petre Dini, Concordia University, Canada