

**CALL FOR PAPERS: SIXTH INTERNATIONAL SYMPOSIUM ON E-HEALTH SERVICES AND TECHNOLOGIESS (EHST 2012)**

[www.is-ehst.org](http://www.is-ehst.org)

3-4 July, 2012, Geneva, Switzerland

**Scope**

Focusing on the e-Health domain in general, EHST 2012 aims at bringing together researchers and practitioners whose work has impact on the development of actual healthcare technologies. Such technologies relate to advanced IT solutions and could facilitate activities of great societal relevance. In particular, the symposium considers e-Health services and their related technologies, with a particular stress on the modeling of complex e-Health technology-driven service-provisioning systems. Some fundamental modeling challenges related to e-Health services are to be addressed. In approaching such services though, we are mainly concerned with Tele-Monitoring and Tele-Treatment, as two essential directions of supporting healthcare through advanced technology. Further, in order for e-Health services to be successfully deployed in routine care, the services need to fit the needs of the users and clinical effectiveness should be proven. Research dedicated toward user-driven design approaches and validation trials are very welcome to the EHST 2012.

**Topics of Interest**

MONITORING FACILITIES

Disappearing Vital Signal Capturing Sensors  
Sensor Embedded and Integrated Data Analysis  
Sensor-'Cloud' Interaction and Collaboration  
- Complementary Processing  
- Monitoring Instructions (from the Cloud)  
- Service Discovery by the Sensors  
Data Imperfection  
Privacy-sensitive Monitoring Protocols and ID Management  
Remote and Local Vital Signal Management

TREATMENT FACILITIES

Limits of Remote Treatment and Diagnosis  
Decision for Intervention  
- Adequacy of Monitoring Data  
- Responsibility  
- Risk Estimation  
Remote Control  
- from the 'Cloud'  
- from a Human  
Tele-centers as Facilities Facilitating Complex Interventions

THE ROLE OF SOFTWARE AND HARDWARE IN SUPPORT OF MONITORING AND TREATMENT

Software Components and Software Services  
ICT Applications  
Computing Platforms  
Interoperability and Scalability of Systems and Platforms

USER EXPERIENCE AND CLINICAL EVALUATION

User-centered Design and User Needs Assessment  
Patient-Centered e-Health and Experience Studies  
Patient Attitudes and Acceptance  
Evaluation Studies

**Important Dates**

Regular paper submission: March 28, 2012  
Authors notification: April 27, 2012  
Camera-ready submission and registration: May 10, 2012

**Paper submission guidelines**

EHST 2012 welcomes submissions which have not been published elsewhere and are not under review by another conference or journal. The conference accepts three different submission types: Regular Paper Submission, Position Paper Submission, and Invited Paper Submission. Detailed guidelines on submissions are found on the website: [www.is-ehst.org](http://www.is-ehst.org)

**Publishing**

The proceedings will be published by SciTePress.

**Organization**

Organized by IICREST in Cooperation with CTIT and RRD  
Hosted by University of Geneva  
Technically Co-Sponsored by Geneva Municipality

**Co-Chairs**

Rianne Huis in 't Veld, RRD - Roessingh Research and Development, The Netherlands  
Boris Shishkov, IICREST, Bulgaria  
Dimitri Konstantas, University of Geneva, Switzerland

**Program Committee**

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