

Topics

International and National Approaches
to eHealth

Legal, Social and Ethical Aspects of
eHealth

The eHealth Challenge of Semantic
Interoperability

eHealth Standardisation

Electronic Health Record Architecture

Terminologies and Ontologies in
Medicine

Evaluation and Validation of
Approaches and Solutions: Users and
Behavioural Aspects of eHealth

Personal Health Paradigm

Bioinformatics and Genetics for Future
eHealth Approaches

Biomedical Engineering as the Other
End of the Interoperability Chain

Ubiquitous and Autonomous
Computing

KLINIKUM

DER
UNIVERSITÄT
REGENSBURG
Anstalt des öffentlichen Rechts



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Conference URL: <http://www.CeHR.de>
Conference email: info@CeHR.de

with up-to-date information about topics,
programme, schedule, accommodation, travel &
registration, and much more ...

INTERNATIONAL CONFERENCE 2007

REGENSBURG / GERMANY

**eHealth: Combining Health
Telematics, Telemedicine,
Biomedical Engineering and
Bioinformatics to the Edge**



*Regensburg, Germany
December 2nd – 5th, 2007*

EHEALTH: COMBINING HEALTH TELEMATICS, TELEMEDICINE, BIOMEDICAL ENGINEERING AND BIOINFORMATICS TO THE EDGE

Current demographic, economic, and social conditions the developed countries are faced with require a paradigm change for delivering high quality and efficient health services. In that context, healthcare systems have to turn from organisation-centred to process-oriented and finally towards individualised patient's care, also called personal care, based on the eHealth platform services. Interoperability requirements for the ubiquitous personalised health services reach beyond current concepts of health information integration among professional stakeholders and related Electronic Patient Records (EPR): Future personal health platforms have particularly to maintain semantic interoperability amongst the systems using different modalities and technologies, different knowledge representation and domain experts' languages as well as different coding schemes and terminologies to include home care as well as personal and mobile systems. This development is not restricted to regions or countries, but appears globally requiring a comprehensive international collaboration.

From December 2nd to 5th, 2007, the eHealth Competence Center Regensburg (eHCC) supported by the International Center for Telemedicine (ICT)

and several other organisations like IMIA, EFMI, and ISfTeH, organises an International Conference on eHealth thereby aiming at uniquely combining the areas of Health Telematics, Telemedicine, Biomedical Engineering and Bioinformatics to their edge. The conference offers invited speeches from internationally leading experts representing all domains involved in eHealth. Although generally demonstrating and facilitating collaboration, the last day of the event offers specific seminars, workshops and symposia addressing a) the future collaboration potential between Europe and Latin America (ELAN), analysing b) the cross-border activities between Germany, Austria, the Czech Republic, and Switzerland, promoting c) current eHealth achievements of MEDTEL (Prague, CZ), and -last but not least- introducing d) short oral presentations on telematics and telemedical applications (posters).

The international Expert Summit conference starts in the afternoon of Sunday December 2nd, 2007, with an Opening Ceremony, a series of introductory speeches, and the Welcome Reception. Different scientific sessions dealing with the addressed aspects will take place on Monday and Tuesday. These sessions contain presentations of eHealth, telematics, and telemedicine projects, initiatives, standardisation, research and development, data protection and data security, modelling, system architecture, applications, communication and more. The Expert Summit event will officially close on Tuesday evening followed by Wednesday's seminars, workshops, and symposia. The CeHR event attendees are then invited to spend a few more days in Regensburg, the new diamond on the list of UNESCO's World Cultural Heritages. It's Christmas time; it's time to feel the spirit of the world-famous Bavarian Christmas Markets.

Invited Speakers

Andrew Balas	S. Yunkap Kwankam
Marion Ball	Yun Sik Kwak
Bernd Blobel	George Mihalas
Milan Cabrnoc	Peter Murray
Christian Dierks	Michael Nerlich
Kevin Donnelly	Erich Reinhardt
Joachim Dudeck	Albrecht Reith
William E. Hammond	Ricky Richardson
Ilias Iakovidis	Gerd Schmitz
Sokratis Katsikas	Barry Smith
Karsten Klein	Tadao Sugiura
Eike-Henner Kluge	Guisepppe Tritto
Gerhard Knorr	Jana Zvarova
Sabine Koch	
	and others

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Sponsors: AGFA Healthcare, HL7 Germany, ID-Berlin, SAP

Supportive Organizations: International Medical Informatics Association (IMIA), International Society for Telemedicine and eHealth (ISfTeH), European Federation for Medical Informatics (EFMI), International Council on Medical and Care Compunetics (ICMCC), German Society for Medical Informatics, Biometry and Epidemiology (GMDS), Czech Society of Biomedical Engineering and Medical Informatics (SBMILI), MEDTEL, **and many others ...**