

Medical Informatics - On its Past, Presence and Future

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Abstract

Based on the paper "Medical Informatics: Past, Present, Future. *Int. J. Med. Inform.* 49 (2010), 599 - 610", and with current updates, I will talk about original and relevant research topics in the context of organizing, representing and analysing data, information and knowledge in biomedicine and health care.

International activities, mainly related to IMIA - the International Medical Informatics Association - are mentioned as well as current publications on such topics, here mainly from the journal *Methods of Information in Medicine*.

My intention is to discuss with the audience of this scientific session of the Centre for Biomedical Technology at the Polytechnic University of Madrid about these these topics.

Curriculum Vitae

Reinhold Haux is Professor for Medical Informatics and Director of the Peter L. Reichertz Institute for Medical Informatics of the University of Braunschweig - Institute of Technology and of Hannover Medical School, Germany. His current research fields are health information systems and management and health-enabling technologies. Reinhold Haux was, among others, co-chairing the Lower Saxony Research Network Design of Environments for Ageing (GAL, www.altersgerechte-lebenswelten.de), where from 2008 to 2013 more than 60 researchers are involved in inter- and multidisciplinary research on information and communication technologies for promoting and sustaining quality of life, health and self-sufficiency. He is Editor of the journal *Methods of Information in Medicine* and was, for the term 2007-2010, President of the International Medical Informatics Association (IMIA).