
Call for Papers – Special Issue on Smart Healthcare Systems

Introduction

Within the last years a variety of new healthcare concepts for supporting and assisting users in technology-enhanced environments have emerged, termed Smart Healthcare Systems. The scope of these systems includes data managing and decision making systems to support individualised healthcare, integrated living and caring environments with assistive devices and awareness, and online interactive careteam and community networks. While these systems can have direct benefits such as helping to minimize hospital stays and enabling patients to achieve an independent life in personal environment, the complexity such systems raises fundamental questions of behaviour, communication and technology acceptance. This Special Edition aims to bring together the work of researchers from different disciplines to examine the interrelation of medical, environmental, technical, communicative, psychological and social factors and their consequences for the design, use and acceptance of Smart Healthcare Systems.

Guest Editors

This Special Issue of eJHI is guest-edited by:

Anthony Maeder, Professor, University of Western Sydney

Before his professorship at University of Western Sydney, Anthony Maeder was the Research Director of the CSIRO eHealth Research Centre in Brisbane. His earlier appointments were at University of Ballarat, Queensland University of Technology, and Monash University. He is a Fellow of the Institution

of Engineers Australia and was the founding President of the Australian Pattern Recognition Society. He is currently chair of the Standards Australia IT-14-12 Telehealth Subcommittee and a member of the IT-14 Health Informatics Committee. He is a Board Member of the Health Informatics Society of Australia.

Carsten Röcker, RWTH Aachen

Dr. Dr. Carsten Röcker is a senior researcher at the Human Technology Centre (HumTec) at RWTH Aachen University, working in the research program „eHealth – Enhancing Mobility with Aging“. He also was a PostDoc at the Distributed Cognition and HCI Laboratory at the University of California in San Diego and worked as a research associate at the Fraunhofer Integrated Publication and Information Systems Institute (IPSI) in Germany. He has an interdisciplinary background with degrees in the areas of computer science (PhD), psychology (PhD), electrical engineering (Master) and management (Master).

Submission and Deadline

Please submit all papers via the Journals Online Submission system at <http://www.ejhi.net>, and use the journal's template for the preparation of your paper and follow the Author's Guidelines, available from <http://www.ejhi.net/ojs/index.php/ejhi/information/authors>.

When submitting please ensure that the paper is submitted as a Special Issue Paper. The deadline for all submissions is **16th May 2010**.