About the Contributors

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Amir Talaei-Khoei is a faculty member at the University of Technology, Sydney (UTS), where he coordinates an international initiative for Adoption of Assistive Technologies in Aged Care involving several universities, research institutes, and industrial partners. Since 2008, he has been an active member of the Asia-Pacific ubiquitous Healthcare Research Centre (APuHC). He has recently joined the Lab for Agile Information Systems in which he collaborates with his colleagues at UTS to build industrial partnerships for innovative technological solutions applicable in complex healthcare systems. He is also a member of the Centre for Human Centred Technology Design at UTS where he works on the use of interactive technologies such as games for aged care. Dr Talaei-Khoei is a member of the editorial boards for Australasian Journal of Information Systems and Health Informatics. He presently serves as an executive in the Australian Association of Information Systems (AAIS). Dr Talaei-Khoei’s research interests lie in the area of health informatics ranging from theoretical applications of agent-based contextual awareness in complex and wicked healthcare problems to adoption and management of technologies in healthcare and aged care settings. He received his PhD from the University of New South Wales (UNSW) in Australia and holds a MSc of Information Technology from the Royal Institute of Technology (KTH) in Sweden.

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Abbes Amira is a professor in visual communication at the University of the West of Scotland (UWS), Scotland. He also holds a position of Professor of Computer Engineering at Qatar University, Qatar. Prior to joining UWS, he took academic positions at the University of Ulster-UK, Qatar University-Qatar, Brunel University-UK, and Queen’s University Belfast-UK. He received his PhD from Queen’s University Belfast in 2001. He has been awarded a number of grants from the government and the industry and has published around 200 publications in the area of reconfigurable computing and image processing during his career to date. He has been invited to give talks at many universities and international conferences and being chair, program committee for a number of conferences. He is also one of the 2008 VARIAN prize recipients. He holds two visiting professor positions at the University of Nancy, France, and the University of Tun Hussein Onn, Malaysia. He is a Fellow of IET, Senior Member of the IEEE and Senior Member of ACM.

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Jacqueline Blake is an Associate Lecturer at the University of the Sunshine Coast. Her research interests are in the development and evaluation of decision support systems for healthcare, Evaluation of social policies, and the implementation of sustainability programs. Jacqueline Blake has published in journals such as Knowledge Based Systems, and book chapters, business-to-business communication, e-health and community capacity building. Jacqui has completed a PhD by designing and building a web-application which would support the diagnosis by physicians of sleep disorders. Her research masters was completed investigating business-to-business communication within supply chains of the Australian wood product and timber industry. Jacqui’s research interests are focused on optimising and evaluating organisational processes and eHealth.

Pablo Casaseca-de-la-Higuera is a Lecturer in Image Processing with the School of Computing at the University of the West of Scotland (UWS). Before joining UWS, he worked for the aerospace industry (2000-2003) and took different academic positions at the ETSI Telecomunicación, University of Valladolid (Spain), where he is still linked to the Laboratory of Image Processing (LPI). His research interests include statistical modelling and nonlinear methods for signal and image processing, with a special focus on bioengineering. He is a reviewer of several scientific journals and main conferences, and has co-authored more than 40 journal and conference papers.

Michele Ceruti, born 1979, MD, is a resident student of the Postgraduate School of Public Health of the University of Turin. Member of the Italian Society of Health Technology Assessment, he is part of national and international working groups for telemedicine projects. He is currently involved in research studies in the fields of e-health, Connecting Health, Health Impact Assessment, as well as in local feasibility studies assessing electronic health record systems use for clinical governance purposes. Since 2011, he has been involved in United Europe cross-border healthcare projects, especially for elderly patient needs. He is currently exploring risk and operative models and solutions with Patient Organizations and Non Governmental Organizations about the issue of continuity of care for European citizens receiving cross-border care in the European Union.

Samir Diouny is a lecturer of linguistics and Chairman of the English Department at Chouaib Doukkali University (CDU) in El Jadida, Morocco. He received his PhD in Neurolinguistics from Hassan II University - Mohemma in 2005. He was a Fulbright grantee on two occasions, once to read for a PhD (University of Texas at Austin, USA from 1998-2000) and the second as a Post-doctoral researcher (The Boston Medical School, USA in 2007). In 2011, he was a visiting lecturer at Toulouse University le Mirail in France. His research interests include the use of ICT in language teaching and learning, language impairment in adults, and linguistics aspects of schizophrenia. He has published in IMIA Yearbook of Medical Informatics and in journals such as Assistive Technology.
Dan Dumbrell is a PhD Candidate under the Discipline of Health Informatics at the University of Sydney. With a background in Exercise and Sport Science and Health Informatics, his main focus with his current research is the study of emerging technologies (i.e. social media) and their effects on public health information dissemination. Publications include studies on the interactions and methods of health information on Twitter, as well as the role of the various entities involved in health communication through this media. Dan has worked as a research assistant on the Connecting Older Adults Project, which addressed the effect of social media technologies on socially isolated older adults.

Bardo Fraunholz is an academic in Information and Business Analytics with Deakin University, Australia. He holds a Professional Business Degree in Information Systems and Accounting (University of Trier, Germany) and GradDip in Legal studies specialising in IT, Media, and Corporate Law from London (UK). He has lectured at the University of Koblenz, Germany, in enterprise modelling, project management, small business and knowledge management. He spent several years in the ICT sector managing/consulting with a number of projects involving mobile applications, SMEs, and e-learning. His research interests are in mobile applications, e-learning technologies, and environment sustainability.

Silvio Geninatti, born 1956, practiced clinical activity as a psychologist from 1985 to 1995. Since 1990, he addressed his professional interests towards information technology, data mining and medical statistics. In 1999, he completed a Masters course in Epidemiology, and in 2009, he earned a Degree in Statistics. Since 2009, he has managed Statistics and Epidemiological Services in the Local Health Unit #2 of Torino. At the moment he cooperates with Sacro Cuore Catholic University and Turin University for Statistics teaching activities. Since 2011, he has been a Member of the Technical Scientific Committee of CSI Piedmont, the Information System Consortium to which Piedmont’s Public Administration entrusts the management and implementation of its ICT services, where he is carrying on activities to develop tools for online reuse of EHR for the management of health systems.

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Craig Hume has over 30 years of experience in information technology analytics and project management. He has recently completed his PhD in the role of knowledge management in non profit organisations through Griffith University QLD. He has a solid track record of publications and is seen as an expert in the field of knowledge management and knowledge hubs.

Margee Hume specialises in service experience mapping and innovation and IT service management. Her focus is on sustainable work communities research. She is the Campus Academic Co-ordinator for Research Development at Springfield Campus USQ and is a leader on the Collaborative Research Network: Digital futures. She is a member of the Australian Centre for Sustainable Business Development and the Australian Digital Futures Institute.

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**Antonio A. Lopez-Lorca** is a Research Fellow in the Faculty of Science, Engineering, and Technology at Swinburne University of Technology. He received his PhD in 2012, from the University of Wollongong, Australia. Antonio has studied ways of applying semantic web techniques to agent-oriented models to validate them prior to software development. In his current position, he continues to use agent-oriented models to study how to incorporate users’ emotions into software development. Alex’s expertise in this area is fundamentally around analysing and modelling people-oriented systems. The majority of these projects focus on socio-technical systems, such as aged care support systems and mental health online programs, in which people’s emotions are particularly important.

**Chunbo Luo** is a lecturer in networks at the University of the West of Scotland (UWS). He received BEng and MEng degrees in Electronic Engineering from the University of Electronic Science and Technology of China (UESTC), China, in 2005 and 2007 respectively. He received a PhD degree from the University of Reading, UK in 2011. He is with the Centre of Audio-Visual Communications and Networks (AVCN) at UWS, and he is a member of IEEE. His research interests include wireless communication, signal processing, wireless sensor networks, and Unmanned Aerial Vehicle (UAV) networks.

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**Gianpaolo Molino** has degrees in Medicine and Surgery, Gastroenterology, Occupational Medicine, and Internal Medicine. He is a lecturer in Medical Pathology and Clinical Methodology. He was an associate professor of Internal Medicine at Torino University from 1980-1990; then, he was Chief of a Division of Internal Medicine, Center for Medical Informatics in the Department of Internal Medicine and a Consultant in Clinical Informatics at the Azienda Ospedaliera San Giovanni Battista di Torino. His main research topics include hepatobiliary transports, cortico-hypophyseal function, compartmental models, expert systems, dynamic tests for liver function, optimization of jaundice diagnosis, medical e-learning, and medical informatics. He has authored more than 500 published papers.
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Naeem Ramzan, FHEA, MIEEE, MIET, received an MS in Telecom from Brest, France and a PhD in Electronics Engineering from Queen Mary University of London in 2004 and 2008 respectively. From 2008 to 2012, he worked on EU projects aceMedia, PetaMedia, SARACEN, and CUBRIK in Queen Mary University of London. Currently, he is a lecturer in Visual Communication at the University of the West of Scotland. His research interest includes image and video coding, scalable video coding, multimedia search and retrieval, multimedia transmission over wireless, and P2P networks. He has been a co-chair of special session in ACM MIR 2010, (WIAMIS) 2009, WIAMIS 2010 and WIAMIS 2011, and the co-organiser and co-chair of ACM Multimedia workshop SAP 2010, SBNMA 2011, UXeLate 2012. He has published more than 60 research publications, and served as Guest Editor of a special issue of the Elsevier Journal Signal Processing: Image Communication and IEEE COMSOC E-Letter.

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Sari Rissanen is currently working as a part-time Professor in Social Work, especially Welfare Services, and as part-time lecturer in health and social management at the University of Eastern Finland. She holds a PhD in Social Policy and a Licentiate in Health Management Sciences. Her multidisciplinary research group has addressed various elderly care management and organizational issues from multi-agency perspectives (e.g., clients, employees, entrepreneurs or relatives). The research focuses on the role of private care, mergers and quality of home care and home help and wellbeing of the elderly, among other things. Currently, she is a partner in the EU-funded Innovating Care for People with Multiple Chronic Conditions in Europe (ICARE4EU) – project, which is coordinated by the Netherlands Institute for Health Services Research.
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Roberta Siliquini born 1966, specialized in “Hygiene and Preventive Medicine.” Since 1995, she carried out her professional activities within the Department of Public Health and Pediatric Sciences (formerly the Institute of Hygiene) at the University of Turin. Full Professor of Public Health, since 2007, she is the Director of the Postgraduate School of Hygiene and Preventive Medicine of Turin University (and was confirmed in 2014). In 2009, she was appointed as Vice Dean of the Faculty with responsibility for the relations with external companies and with advanced Masters courses. Involved with particular interest in the Research Area of Health Impact Assessment and Health Management, she is the project leader of studies assessing the behaviors of Italian citizen towards use of the Internet for health purposes, particularly for those categories of users who are most vulnerable.

Jeffrey Soar has 20+ years experience in eHealth and informatics for ageing and aged-care. He has a successful track record in health informatics and enabled technology publications with over 150 publications. Dr Soar is the founder and current Board Member of Aged Care and Healthy Ageing within the Health Informatics Society of Australia (HISA). He has been a HISA national board member and is the founder and organiser of the national Aged Care Informatics Conference (ACIC) which is entering its ninth annual event.

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**Leon Sterling** is Pro Vice Chancellor (Digital Frontiers) at Swinburne University of Technology in Melbourne. Leon received a BSc (Hons) from the University of Melbourne and a PhD in Pure Mathematics from the Australian National University. He has worked at universities in the UK, Israel, the US, and Australia. His teaching and research specialties are software engineering, artificial intelligence, and logic programming. Prior to this role Leon was a Professor of Software Innovation and Engineering and the Director of e-Research at the University of Melbourne and Dean of Information and Communication Technologies at Swinburne. He was the President of the Australian Council of Deans of ICT.

**Jane Taggart** is a Research Fellow at the University of NSW Centre for Primary Health Care and Equity. Her research is focused on clinical informatics and linked data for improving data quality, chronic disease management (particularly related to diabetes), health outcomes, and integrated primary health care. Jane has research experience and expertise in mixed methods, a randomised controlled trial of an intervention examining the impact of teamwork on chronic care, systematic reviews around health literacy, and program evaluations. She currently manages and is an investigator on the electronic Practice Based Research Network program which is located in a disadvantaged and Culturally and Linguistically Diverse health neighbourhood.

**Paolo Terenziani** has been a Full Professor in DISIT at the Università del Piemonte Orientale, Alessandria, Italy since October 2000. Paolo Terenziani’s research activity covers different areas of Computer Science: Artificial Intelligence (Knowledge Representation, Formal Ontologies, Temporal Reasoning), Databases (Temporal Relational Databases, Semantics), and Medical Informatics. As regards Medical Informatics, since 1997, he has been involved with Azienda Ospedaliera S. Giovanni Battista in Turin in a long-term project for the development of GLARE, a semi-automatic manager of clinical guidelines. Paolo Terenziani published more than 100 papers about these topics in refereed international journals and conference proceedings.
Shahadat Uddin is a lecturer in the Project Management Program and Complex Systems Research Centre at the University of Sydney. He conducts research in the area of complex healthcare coordination and collaboration networks, health informatics, and data analysis and modelling. His research addresses interdisciplinary issues related to understanding the impact of network structure and dynamics on group performance and coordination outcomes in complex, dynamic and distributed environments. Dr Uddin has published in several international health-related journals including *Statistics in Medicine*, *BMC Health Services Research Journal*, *European Journal of Public Health*, *European Journal of Health Economic*, and *Journal for Healthcare Quality*. He completed his PhD at the University of Sydney, Australia in 2012. Dr. Uddin was awarded the *Certificate for Research Excellence 2010* by the University of Sydney in recognition of his outstanding research achievement during the course of his PhD studies.

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About the Contributors

Jon Whitty (PM) has extensive organisational consulting experience in project management, complex project delivery, lessons learnt evolutionary networks and the resilient organization. He has expertise in data capture methodology and practice and has a strong track record in project management research. Jon is well regarded in the industry and is the leader of project management research and teaching. He has received several citations for excellence in project management.

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