

## Preface

This is the fifth publication in the series of biennial international conferences, *The Future of Information Sciences (INFuture)* organised by the Department of Information and Communication Sciences, Faculty of Humanities and Social Sciences, University of Zagreb. In 2015 the title of the conference is *INFuture2015: e-Institutions – Openness, Accessibility, and Preservation*, exploring issues surrounding the movement towards opening data and making the content globally accessible while at the same time recognizing the challenges of digital preservation.

The *INFuture2015* conference consists of 47 papers from 108 authors from all over the world – from the USA and Canada, Europe, Africa, all the way to Hong Kong. Through twelve chapters this publication follows the topics of the conference.

*Keynote papers* address the issues around open access initiatives, building trust and confidence in cyberspace, synergy between computer scientists and linguists, Croatian national strategy dealing with e-services and one of the results in that area – establishment of the national identification and authentication system in Croatia. The chapter on *e-Institutions* elaborates the issues of information and project management in the digital environment and social media. *Trust in the Digital Environment* analyses topics of data retention and disposition in the context of preservation of web-sites, records authenticity, legal aspects of digital preservation, hybrid curation and preservation of digitally signed records. The following chapter *Modern Information Systems* focuses on strategic planning and organisation of integrated business information systems, context-aware computer systems, and knowledge management systems. *Human-Computer Interaction, Language Technologies and Applications* is the chapter where authors analyse online summarising and translation technology as well as the accomplishment of interoperability between centuries-old dictionaries. SaaS quality management and data warehousing are investigated in the chapter *Big Data Analytics and Applications* while chapter *Multimedia Systems and Applications* address important aspects of multimedia instructional design, MMO games and virtual exhibitions. This is followed by the *Mobile Solutions* chapter where wireless network security and Twitter usage among startups in Europe are investigated. The *INFuture2015* conference has also opened a new topic – *Health Informatics*. It focuses on the development of e-Health services in the EU, usage of the NFC-solutions for secure medication, anonymization and pseudoanonymization of psycholinguistic research data as well as health-related life-long learning. The chapter *Technological Solutions for Society and Education* covers a broad range of topics including scientific communication, analysis of learning outcomes, development of reading skills, motivation and learning

processes using mobile phones, higher education institutions and social networks, all the way to the usage of online sources. It ends with the announcement of future scientometric and bibliometric analyses of the *INFuture* conferences. The following chapter provides information on the two *workshops* organised during the conference – one dealing with the issue of maintenance of authenticity and integrity of electronic records utilising digital timestamps, and the other analysing and presenting the initial maturity model for information governance arrangements in organizations, developed at the EU funded E-ARK project. The last chapter, *Innovative technologies*, provides information about PIQL – an innovative solution combining microfilm and digital records in one long-term preservation medium.

We believe that the results of the research presented in this publication will help us open our data, make content widely accessible and preserve authentic digital records. We also hope the research presented here will help you broaden your research, envision new projects, establish cooperation as well as inspire you to pursue new goals.

*Editors*