

Preface

This is the sixth 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. This year it is co-organised with the Miroslav Krleža Institute of Lexicography. The title of the conference is *INFuture2017: Integrating ICT in Society*. The conference explores the influence the information and communication sciences have on the society as a whole.

The *INFuture2017* conference consists of 32 papers from 61 authors from nine countries – Bosnia and Herzegovina, Croatia, Estonia, France, Ireland, Slovakia, Sweden, Switzerland, and Qatar. Through eleven chapters this publication follows the topics of the conference.

Keynote papers address the issues of the future of digitised society, language technologies, social media, information retrieval, semantic annotation as well as the future of encyclopaedia in the digital era. The chapter on *Human-Computer Interaction and Language Technologies* elaborate the issues of machine translation, localisation in the video games and a comparative analysis of the storage devices appearing in the fantasy movies with the existing ones. The chapter on *e-Science* analyses topics of education of digital linguists in the context of EU business and life-cycle management of research data in Switzerland. The following chapter *Digitisation, Records Management and Digital Preservation* starts with a proposal of the blockchain-based solution for long-term preservation of the validity of digital signatures and proceeds to focus on the preservation of spatial information, digital archival information system, and digital records in the context of e-services in Sweden. *Personal Digital Information Management* is the chapter with only one paper on the creation of contemporary personal archives which clearly shows the novelty of the topic. The following chapter *e-Encyclopaedia* is the largest. Firstly it focuses on the epistemological value of contemporary encyclopaedic projects, encyclopaedic knowledge as a semantic resource, Slovak e-Belinea project, online encyclopaedias for children and young adults, and the development of thematic portal Znameniti.hr and then switches the focus to the online dictionaries for sign and Asian languages, and a newly developed web dictionary Mrežnik. This is followed by the *Her.IT.age* chapter where the service of historical and cultural heritage and tourism promotion is presented followed by the investigation of the cultural heritage memory economy. The chapter *Governmental and Business Sector Informatics* concentrates on the internet security threats and cyber-attacks to critical infrastructure. The topic on e-health was firstly initiated during the *INFuture2015* conference. This year the chapter *e-Health Applications and Solutions* investigates how the digital technology can be used to gain more information about the painful syn-

dromes in the lower back. The chapter *Community Informatics and Service-learning* presents the project developed during the Europe engage project student tour and investigates the influence of ad blockers on the online advertising industry. The last chapter, *Integration of ICT in Education*, explores the teachers' experiences with ICT in education, creation of game-based learning material and finally shows a cryptography-based learning application.

We believe that the results of the research presented in this publication will help you better understand the overarching influence of the ICT to the society. We also hope the research presented here will help you expend your own research, motivate you to cooperate and internationalise your activities, formulate new projects, and achieve high quality results.

See you INFuture!

Editors