

Central European Conference on Information and Intelligent Systems

CECIIS



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PREFACE

The jubilee 25th Central European Conference on Information and Intelligent Systems (CECIIS 2014) was organized and hosted by the Faculty of Organization and Informatics, Varaždin, Croatia, from 17-19 September 2014. The most important aim of CECIIS is to strengthen the interface between researchers involved in the development and application of methods and techniques in the field of information and intelligent systems.

This Proceedings presents 44 scientific papers that were reviewed by the international Program Committee and divided into eight sections: Data and Knowledge Bases, Economics and Information Systems, Education for Information Society, Information and Communication Technologies, Information Systems Security, Intelligent Information Systems, Intelligent Transport Systems and Software Engineering. Selected papers will be further reviewed by two independent international reviewers with the possibility of being extended and included in the Journal of Organizational and Information Sciences (JIOS), the international scientific journal published by the Faculty of Organization and Informatics.

Within the jubilee 25th edition two invited lectures were presented and round table about use of modern educational technologies taking into account the protection of privacy was held. The Conference also offered several accompanying events. For the fourth time the Students poster and presentation section as well as the FOI Security Symposium (FSec) were held. Student poster abstracts and FSec presentations are published separately on-line. Also, for the third time FOI Mobile and Embedded Development Symposium (f-moed) was held with 48 hour Mobile App Challenge for students. Parallel events also included two workshops, one about software products for librarians and other about right to information access .

We would like to thank all the authors, presenters, reviewers, session chairs and attendees and, above all, our invited speakers. We acknowledge the help that the Faculty of Organization and Informatics provided, which was crucially important for the overall success of the Conference. We would like to extend our appreciation to the Program and Organizing Committee members.

Finally, we are most grateful to all our sponsors for their financial and material support.

We are confident that inside these covers you will find relevant and interesting papers in the field of information and intelligent systems. We also look forward to your participation in one of many CECIIS conferences to come.

September 2014

On the behalf of

Program and Organizing Committees

Tihomir Hunjak & Sandra Lovrenčić