



Central European Conference on Information and Intelligent Systems, CECIIS 2010

22nd – 24th September 2010.

Official program

Date: **Wednesday, September 22nd**

09:00 - 10:00	REGISTRATION Location: Ground Floor	
10:00 - 10:30	OPENING AND WELCOME SESSION Location: Room 1 - 2 nd Floor Chair: Boris Aurer	
10:30 - 12:00	INVITED LECTURES Location: Room 1 - 2nd Floor Chair: Boris Aurer o. Univ. - Prof. Mag. Dr. Wolf Rauch <i>Dean of Faculty of Social and Economic Sciences Karl-Franzens University Graz, Austria</i> Title: Service Science Prof. Mladen Vouk, PhD <i>Department Head and Professor of Computer Science, and Associate Vice-Provost for Information Technology N.C. State University, USA</i> Title: Economics of Cloud Computing	
12:00 - 14:00	LIGHT LUNCH Location: Info Club FOI	PROGRAM COMMITTEE MEETING Location: Council room – 3rd Floor
14:00 - 14:45	INVITED LECTURE Location: Room 1 - 2nd Floor Chair: Blaženka Divjak Dr Svetlana Cicmil BSc (Civ Eng) MBA PhD <i>Professor of Organisation and Management Studies ECPD UN University for Peace Reader in Global Operations, Bristol Business School, University of the West of England, UK</i> Title: Current topics and future development of research in the field of project management and their implications for practice – An international perspective	
14:45 - 16:15	ROUND TABLE Location: Council room – 3rd Floor Moderator: Blaženka Divjak Title: Education and research on project management in Croatia	Information Systems Security Location: Room 10 - Ground Floor Chair: Miroslav Bača Koruga, Bača Analysis of B-tree Data Structure and its Usage in Computer Forensics Kišasondi, Klasić, Hutinski A Multiple Layered Approach to Malware Identification and Classification Problem Mertik Implementing World Wide Mixed Reality Stages Ćosić, Bača A Framework to (Im)Prove „Chain of Custody“ in Digital Investigation Process

	<p>Intelligent Transport Systems</p> <p>Rodič, Baggia Dynamic Airport Ground Crew Scheduling</p> <p>Mrvelj, Matulin, Jelušić Public Transport Priority System: Impact on Quality of Service</p> <p>Matulin, Mrvelj, Bošnjak Defining System Requirements for New IP Based Incident Management Service - e-Call</p> <p>Student paper</p> <p>Medić, Ćosić IT Governance and Security of Web Services at Bosnia and Herzegovina Local Level</p>
16:15 - 16:45	COFFEE BREAK
16:45 - 18:00	<p>Data and Knowledge Bases Location: Room 10 - Ground Floor Chair: Mirko Maleković</p> <p>Maliković, Čubrilo Solving Shortest Proof Games by Generating Trajectories using the Coq Proof Management System</p> <p>Maliković, Čubrilo Modeling Epistemic Actions in Dynamic Epistemic Logic using Coq</p> <p>Strčić, Načinović, Ipšić A Review on Creation and Structure of Emotional Multimodal Databases</p> <p>Schatten, Kakulapati, Čubrilo Reasoning about Social Semantic Web Applications using String Similarity and Frame Logic</p> <p>Ponjavić, Schatten, Bača, Jakelić Personality Disorders in Croatia's Cyber-Political Networks - A Topic Map Study</p> <p>Štritof, Schatten Visual Knowledge Discovery on Semantic Wikis</p> <p>Karnet, Jereb, Rajković Applying Expert Systems for the Evaluation of the Career Development of Information System Auditors</p> <p>Ćosić Knowledge Management as Intrinsic Part of the Process of Implementation of QMS Quality Management Systems</p> <p>Vrdoljak Integrating Semantic Web Features into Open-Source CMS Solution</p> <p>Galinec, Luić, Katalenić On Information Superiority Achievement</p> <p>Rabuzin, Bakoš Agent-based Simulation Model of Online Auctions in NetLogo</p>
19:00 -	<p>WELCOME COCKTAIL (light dinner included) Location: Info Club FOI</p>

Date: **Thursday, September 23rd**

09:00 - 11:00	Education for Information Society I Location: Room 1 - 2nd Floor Chair: Blaženka Divjak Zekanovic-Korona, Krce Miočić, Šalić Aspects of e-Commerce Usage Radošević, Orehovački, Stapić Automatic On-line Generation of Student's Exercises in Teaching Programming Grubelnik, Repnik Table Oriented Computer Software as a Tool for Studying Dynamical Systems in High School Paulin ŠOFIŠ - Introducing the Automated e-Society Dukić, Dukić, Medarić Eastern Croatian Managers' Readiness for the Information Society Babić Factors Regarding Teachers' Competence which Influence the Acceptance and use of e- Learning Technologies in Higher Education Pečarić Scientific Collaboration and Development of Scientific Community	Information and Communication Technologies I Location: Room 10 - Ground Floor Chair: Nina Begičević Bambir, Drozdová, Hutinski A review of Some Basic Prerequisites for Human Resource Management Information System Implementation at the Universities Kozina, Tomičić Planning to Implement Continual Service Improvement Processes Kozina, Popović VAL IT Framework and ICT benefits Vrana Supporting e-Science: the Role of Digital Repositories in Scientific Communication Tomičić, Čorić Information Addiction Gregurec, Brodar Social Networks as Medium of Enterprise Advertising Sabati, Mekovec, Novotny Adoption of u-Commerce in Croatia – a Preliminary Study Pintarić, Panjkota, Zdrilić Effects of e-Business between Public and Private Sector based on the Simulation of implementing e-Invoice Horvat, Kedmenec, Malbašić Exploring the Quality of Mission Statements on Croatia's Corporate Websites
11:00 - 11:30	COFFEE BREAK	
11:30 - 14:00	Education for Information Society II Location: Room 1 - 2nd Floor Chair: Valentina Kirinić Krzrnarić, Buinac How to Integrate Foreign Language Teaching into Professional Subjects Vidaček-Hainš, Appatova, Prats, Takemura, An, Bushaty, Berger, Pažur Implementation of Information and Communication Technology in Higher Education: Comparative Research in Asian, American and European Universities Bubaš, Čorić, Orehovački Evaluation of the Use of the Online Community Tool Ning for Support of Student Interaction and Learning Gosak, Repnik, Grubelnik, Krašna, Ambrožić Digital Competence in Physics in the Frame of the National Project Development of Natural Science Competences Hrustek, Bedi, Štedul Preferred Information Receiving Channels in Secondary School and University Students Čupić, Golub, Jakobović Applying AI-techniques as Help for Faculty Administration - A Case Study	Information and Communication Technologies II Location: Room 10 - Ground Floor Chair: Željko Hutinski Jakupović, Pavlič, Ivašić - Kos Estimation of the Complexity of Business Sectors Covered by ERP Solutions Marović, Mikša, Šnajder, Dalbelo Bašić Croatian OCR Error Correction using Character Confusions and Language Modeling Platzer, Petrovic Approaches to Address the Lack of Relevance in Technology Acceptance Research for Mobile Services Kljaic, Ševa, Čipčić Community Oriented System for Information Aggregation based on a Template Operated HTML Parser Machova Targeted Information Retrieval in the Web Space as a Response to User Needs Grgec Gradual Workstation Migration to Linux OS Maintaining Hardware and Software Compatibility

	<p>Balaban e-Portfolio as an Information System: The Genetic Taxonomy Approach</p> <p>Repnik, Krašna Application of e-Learning Materials: Environmental Studies for 3rd Grade of Primary School</p> <p>Krašna Universal Digital Competences</p>	<p>Hajdin, Vrček Methodologies for Measuring e-Government Development: The Croatian Case</p> <p>Sabati, Bernik, Jovanovska 3D Modeling Functions and Algorithms</p> <p>Kopić, Kadoić, Klačmer Čalopa Management's role in Strategic Planning and Application of ICT in Modern Organization</p>
14:00 - 16:00	LUNCH	
16:00 -	EXCURSION (light dinner included) – Varaždinske Toplice	
Date: Friday, September 24th		
09:00 - 10:30	<p>Intelligent Information Systems I Location: Room 10 - Ground Floor Chair: Božidar Kliček</p> <p>Andročec Simulating BPMN Models with Prolog</p> <p>Fabac, Munđar Optimisation of Portfolio of Stocks at ZSE through the Analysis of Historical Data</p> <p>Gamulin The Model of Raw and Packaging Materials Cost Estimation Using Neural Networks</p> <p>Mach, Furdik, Hreno Prototype of a Platform for Business Collaboration</p> <p>Lanzer, Schumann Design of a Mobile, Context-Aware Sales Approach for Campaign-oriented Undertakings</p> <p>Krstinić Automatic Forest Fire Detection in Visible Spectra</p>	<p>Software Engineering Location: Room 6 – Ground Floor Chair: Vjeran Strahonja</p> <p>Slodičák, Lařová Some useful Structures for Categorical Approach for Program Behavior</p> <p>Galinec, Vidović Model and Service Driven Knowledge-Based Architecture for Process Execution</p> <p>Vidačić, Pihir, Fabac Method of Data Migration from one ERP System to Another in Real Time</p> <p>Roško Backward-Forward Transaction Service Design Pattern</p> <p>Konecki, Kudelić Justifiability of Open Source Software Development</p> <p>Konecki, Kudelić, Radošević Challenges of the Blind Programmers</p>
10:30 - 11:00	COFFEE BREAK	
11:00	<p>Intelligent Information Systems II Location: Room 10 - Ground Floor Chair: Božidar Kliček</p> <p>Mach Web Content Annotation Mladenović, Štula, Stipaničev Fraud Detection in Interoperable Information systems</p> <p>Grljević, Bošnjak Development of Creditworthiness Expert System</p> <p>Vuk, Šimić Machine Translation in Practice</p>	
CLOSING OF THE CONFERENCE		