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Charles University in Prague, MFF, Department of Software Engineering
Czech Technical University in Prague, FEE, Department of Computer Science
Czech Society for Cybernetics and Informatics

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2011

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DATESO 2011

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SoSIReČR

SOCIAL NETWORK OF COMPUTER SCIENTISTS IN THE REGIONS OF THE CZECH REPUBLIC

SoSIReČR

SOCIAL NETWORK OF COMPUTER SCIENTISTS IN THE REGIONS OF THE CZECH REPUBLIC

The project aims to promote communication and establish cooperation between the Czech IT communities in academic and corporate sectors. The main output will be a Web portal that will build a social network of computer scientists, which will differ from the usual social and professional networks as Facebook or LinkedIn by providing unique tools to search for IT specialists, to create teams (for joint projects, tenders), and in general to allow cooperation. The aim of the project activities is to increase the competitiveness of the Czech Republic in the field of computer science, as well as improvement of the status of IT in the Czech Republic and its contribution to society.

Personal interconnection of educational and research activities and the cooperation of academic and applied research are required for high-quality tertiary education and its fruitful cooperation with industry and Government. From the social network will benefit students and graduates, scientific personnel, schools, and businesses. It will be possible to search here for a job or an interesting project, skilled workers or whole teams, even the schools can compare their learning plans with the situation on the labor market. Beta-version of the portal will be available from April 2011, but now it is possible to test partial functionality (scientific profile) on: <http://www.sosirecr.cz/forms/sciprof/>.

Another component of the project is to support personal meeting of the IT experts in the regions (both among themselves and with companies), the sharing of experience and the identification of needs. These are the conferences, regional seminars and workshops, aimed at improving communication between the academic, corporate and public sector. One of the following activities are for example Conversations with computer scientists (Hovory s informatiky), organised in the framework of this project by Institute of Computer Science, [Academy of Sciences of the CR](#).

On the SoSIReČR project cooperate:

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Preface

DATESO 2011, the international workshop on current trends on Databases, Information Retrieval, Algebraic Specification and Object Oriented Programming, was held on April 20 – 22, 2011 in in OtavArena hotel, Písek.

The 11th year was organized by Department of Computer Science VŠB-Technical University Ostrava, Department of Software Engineering MFF UK Praha, Department of Computer Science and Engineering FEL ČVUT Praha, and the Working group on Computer Science and Society of Czech Society for Cybernetics and Informatics. The DATESO workshops aim for strengthening connections between these various areas of Computer science. The proceedings of DATESO 2011 are also available at DATESO Web site: <http://www.cs.vsb.cz/dateso/2011/> and CEUR Workshop Proceeding site: <http://www.ceur-ws.org/Vol-706/> (ISSN 1613-0073). The Program Committee selected 22 papers (12 full papers, 4 special session full papers and 6 posters) from 33 submissions, based on three independent reviews.

The workshop program also included 2 invited lectures: *Database Trends and Directions: Current Challenges and Opportunities* by George Feuerlicht, and *Simple Mathematical Models in Biometric Image Analysis* by Khalid Saeed.

We wish to express our sincere thanks to all the authors who submitted papers, the members of the Program Committee, who reviewed them on the basis of originality, technical quality, and presentation. We are also thankful to the Organizing Committee and Amphora Research Group (ARG, <http://www.cs.vsb.cz/arg/>) for preparation of workshop and its proceedings as well as the Czech Society for Cybernetics and Informatics, SoSiReČR project and MIR Labs for their support of publishing this issue.

April, 2011

V. Snášel, J. Pokorný, K. Richta (Eds.)

Table of Contents

Full Papers

Top- <i>k</i> Search in Product Catalogues	1
<i>Martin Šumák, Peter Gurský</i>	
XML Schema Integration with Reusable Schema Parts	13
<i>Jakub Klímek, Jakub Malý, Martin Nečaský</i>	
Transformation of Binary Relationships with Particular Multiplicity	25
<i>Zdeněk Rybola, Karel Řícha</i>	
Towards e-Government Interoperability Framework	39
<i>Jiri Feuerlicht, David Cunek</i>	
XML Document Versioning and Revalidation	49
<i>Jakub Malý, Jakub Klímek, Irena Mlýnková, Martin Nečaský</i>	
XML Document Correction and XQuery Analysis with <i>Analyzer</i>	61
<i>Jakub Stárka, Martin Svoboda, Jiří Schejbal, Irena Mlýnková, David Bednárek</i>	
Supporting Language Interoperability by Dynamically Switched Behaviors	73
<i>Jan Kurš, Jan Vraný, Alexandre Bergel</i>	
Task Scheduling in Data Stream Processing	85
<i>Zbyněk Falt, Jakub Yaghoob</i>	
Exploration of Semantic Spaces Obtained from Czech Corpora	97
<i>Lubomír Krčmář, Miloslav Konopík, Karel Ježek</i>	
Using SVM and Clustering Algorithms in IDS Systems	108
<i>Peter Scherer, Martin Vicher, Pavla Dráždilová, Jan Martinovič, Jiří Dvorský, Václav Snášel</i>	
Combined Method for Effective Clustering based on Parallel SOM and Spectral Clustering	120
<i>Lukáš Vojáček, Jan Martinovič, Kateřina Slaninová, Pavla Dráždilová, Jiří Dvorský</i>	

Posters

Analysis of the DBLP Publication Classification Using Concept Lattices .	132
<i>Saleh Alwahaishi, Jan Martinovič, and Václav Snášel, Miloš Kudělka</i>	

Automatic Keyphrase Extraction based on NLP and Statistical Methods .	140
<i>Martin Dostal, Karel Ježek</i>	
Flexible Cache for Database Management Systems	146
<i>Radim Bača, David Bednář</i>	
Modeling of Lexical Relations Between Topics Retrieved from DBLP Journals	153
<i>Lukáš Hlaváček, Michal Výmola</i>	
Overview and Comparison of Plagiarism Detection Tools	161
<i>Asim M. El Tahir Ali, Hussam M. Dahwa Abdulla, Václav Snášel</i>	
Précis Index Implementation for Efficient Fulltext Data Mining	173
<i>Michal Kopecký, Martin Čermák</i>	
Special Session: Data Processing for Geocomputation	
Fuzzy Approach to Landslide Susceptibility Zonation	181
<i>Miloš Marjanović, Jan Čaha</i>	
Fractal Dimension Calculation for CORINE Land-Cover Evaluation in GIS – A Case Study	196
<i>Vít Pászto, Lukáš Marek, Pavel Tuček</i>	
Determining Ecotones by Decision Support Systems	206
<i>Vilém Pechanec, Jan Brus, Jan Čaha</i>	
Orthophoto Map Feature Extraction Based on Neural Networks	216
<i>Zdeněk Horák, Miloš Kudělka, Václav Snášel, Vít Voženílek</i>	
Invited Papers	
Content-based Retrieval of Compressed Images	226
<i>Gerald Schaefer</i>	
Simple Mathematical Models in Biometric Image Analysis	227
<i>Dr. Khalid Saeed, DSc, PhD, MSc, BSc Engg</i>	
Best Paper	
Revision of Relational Joins for Multi-Core and Many-Core Architectures	229
<i>Martin Kruliš, Jakub Yaghob</i>	
Author Index	241