Proceedings of the Dateso 2012 Workshop

DATESO

Databases, Texts

Specifications, and Objects

2012

AMPHORA RESEARCH GROUP

ČSKI

Supported by

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April 18 – 20, 2012
Zernov, Rovensko pod Troskami

DATESO 2012
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Workshop Partner

SoSIReČR

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

SoSIReČR

SOCIAL **N**ETWORK OF **C**OMPUTER **S**CIENTISTS IN THE **R**EGIONS OF THE **C**ZECH **R**EPUBLIC

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. The social network portal SítIT will be available for general public in June, 2012 at https://www.sitit.cz/.

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:

Faculty of Mathematics and Physics, Charles University in Prague
Institute of Computer Science, Academy of Sciences of the Czech Republic
Czech Technical University in Prague
The Faculty of Informatics and Statistics, University of Economics, Prague
Higher Vocational School and Technical High School, Šumperk

The social network portal SítIT will be at disposal at the address https://www.sitit.cz/.

Project (no CZ.07/2.4.00/12.0039) is running in period 01.11.2009 - 31.10.2012.

*For more information please visit the **sosirecr** web pages.*

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Václav Snášel	VŠB-Technical University of Ostrava, Ostrava
Karel Richta	Czech Technical University, Prague

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Preface

DATESO 2012, the international workshop on current trends on Databases, Information Retrieval, Algebraic Specification and Object Oriented Programming, was held on April 18 – 20, 2012 in Zernov, Rovensko pod Troskami.

The 12th year was organized by Department of Software Engineering MFF UK Praha, Department of Computer Science and Engineering FEL ČVUT Praha, Department of Computer Science VŠB-Technical University Ostrava, and 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 informatics, particularly this year, Sematic Web, semistructured data, social networks, and formal specifications.

The proceedings of DATESO 2012 are also available at DATESO Web site: `http://www.cs.vsb.cz/dateso/2012/` and CEUR Workshop Proceeding site: `http://www.ceur-ws.org/Vol-837/` (ISSN 1613-0073). The Program Committee selected 14 papers (11 full papers and 3 posters) from 22 submissions, based on three independent reviews.

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/`) represented by Pavel Moravec, for preparation of workshop proceedings. Special thanks belong to Czech Society for Cybernetics and Informatics and the SoSiReČR project (Social Network of the Computer Scientists in the Regions of the Czech Republic) for their support of publishing this issue.

April, 2012   J. Pokorný, V. Snášel, K. Richta (Eds.)

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