



UDC 004:005:3

ISSN 1846-3312
e-ISSN 1846-9418

*Journal of
Information and
Organizational
Sciences*

UDC 004:005:3

ISSN 1846-3312

e-ISSN 1846-9418

Publisher

University of Zagreb
Faculty of Organization and Informatics
Varaždin
Pavlinska 2
HR-42 000 Varaždin, Croatia

Editor-in-Chief

Vjeran Strahonja, University of Zagreb, Faculty of
Organization and Informatics, Varaždin, Croatia

Editor

Neven Vrček, University of Zagreb, Faculty of
Organization and Informatics, Varaždin, Croatia

Editorial Board

Boris Aurer, University of Zagreb, Croatia
Josip Brumec, University of Zagreb, Croatia
Goran Bubaš, University of Zagreb, Croatia
Marijan Cingula, University of Zagreb, Croatia
Leo Budin, University of Zagreb, Croatia
Ivica Crnkovic, Mälardalen University, Sweden
Vlatko Čerić, University of Zagreb, Croatia
Mirko Čubrilo, University of Zagreb, Croatia
Blaženka Divjak, University of Zagreb, Croatia
Matilda Drozdova, University of Žilina, Slovakia
Vesna Dušak, University of Zagreb, Croatia
María José Escalona, University of Sevilla, Spain
Joaquim Filipe, Polytechnic Institute of Setúbal,
Portugal
Matjaz Gams, Jozef Stefan Institute, Slovenia
Tihomir Hunjak, University of Zagreb, Croatia
Maria Jakovljevic, University of the Witwatersrand,
South Africa
Dragutin Kermek, University of Zagreb, Croatia
Božidar Kliček, University of Zagreb, Croatia
Douwe Korff, London Metropolitan University,
United Kingdom
Zdravko Krakar, University of Zagreb, Croatia
Michael Lang, National University of Ireland, Ireland

Alen Lovrenčić, University of Zagreb, Croatia
Mirko Maleković, University of Zagreb, Croatia
Dunja Mladenic, Jozef Stefan Institute, Slovenia
Pavle Mogin, Victoria University of Wellington, New
Zealand
Guenter Mueller, University of Freiburg, Germany
Jan Paralic, Technical University Kosice, Slovakia
Algirdas Pakstas, London Metropolitan University,
United Kingdom
Rimantas Petrauskas, Mykolas Romeris University,
Lithuania
Roman Povalej, Institute AIFB, University of Karlsruhe,
Germany
Wolf Rauch, Universität Graz, Austria
Slobodan Ribarić, University of Zagreb, Croatia
Tefko Saračević, State University of Jersey, United
States
Vjeran Strahonja, University of Zagreb, Croatia
J. Douglas Toma, University of Georgia, United States
József K. Tar, Institute of Intelligent Engineering
Systems, John von Neumann Faculty of Informatics,
Hungary
Mladen Vouk, North Carolina State University, United
States
Žugaj Miroslav, University of Zagreb, Croatia

Publishing Board

Darko Grabar, Goran Hajdin,
Bernarda Kos, Alen Lovrenčić,
Petra Peharda

ISSN 1846-3312
e-ISSN 1846-9418

www.jios.foi.hr

Proofreading Authors

Cover and Layout Design ri mo dizajn

Copyeditor and Computer Type Set Goran Hajdin

Printing ZRINSKI Čakovec, Croatia

Contact
Faculty of Organization and Informatics, Varaždin
Pavlinska 2, HR-42000 Varaždin, Croatia
Tel. +385 42 390 800, fax +385 42 213 413,
E-mail: jios@foi.hr (Correspondence Mail)
jios-pub@foi.hr (Publishing Board)
URL: www.jios.foi.hr

Principal Contact

Neven Vrček
Faculty of Organization and Informatics, Varaždin
Pavlinska 2, HR-42000 Varaždin, Croatia
Tel. + 385 42 390 827
Fax: + 385 42 213 413
E-mail: neven.vrcek@foi.hr

Subscription Information

JIOS is published twice per year.
Printed in 500 copies.
Subscription rate per volume for printed edition:
100 HRK (15€).
To subscribe, please contact the publisher at
jios-pub@foi.hr.

JIOS is published with financial support of the
Ministry of Science, Education and Sport of the
Republic of Croatia.

JIOS is indexed in the following databases

CSA Technology Research Database
Computer and Information Systems Abstracts
Directory of Open Access Journals
INSPEC
Library and Information Science Abstracts (LISA)
OAIster
VINITI RAN
Library Literature & Information Science Full Text database - EBSCO
SCOPUS

CONTENTS

| | |
|--|-------|
| <i>From the Editor</i> | V |
| Peter Butka, Jozef Pócs, Jana Pócsová: Use of Concept Lattices for Data Tables with Different Types of Attributes Original Scientific Paper | 1-12 |
| Matúš Chochlík: Portable reflection for C++ with Mirror Original Scientific Paper | 13-26 |
| Jasminka Dobša, Petr Praus, Ch. Aswani Kumar, Pavel Praks: Classification of Hydrochemical Data in Reduced Dimensional Space Original Scientific Paper | 27-37 |
| Peter Jakubčo, Slavomír Šimoňák: Utilizing GPGPU in Computer Emulation Original Scientific Paper | 39-53 |
| Elisabeth Pergler: Automated motive-based user review analysis in the context of mobile app acceptance: Opportunities and applications Survey Paper | 55-67 |
| Mihaela Vranić, Damir Pintar, Dragan Gamberger: Adapting hierarchical clustering distance measures for improved presentation of relationships between transaction elements Original Scientific Paper | 69-86 |
| Instructions for Formatting JIOS Articles: A Microsoft Word Template | 87-90 |