9th International Conference on Strategic Management and its Support by Information Systems 2011

Celadna, Czech Republic 5-7 September 2011

Editors:

Jindřich Kaluža

Kamila Hueberova

ISBN: 978-1-62993-360-3

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2011) by VŠB - Technical University of Ostrava All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact $V\check{S}B$ - Technical University of Ostrava at the address below.

VŠB - Technical University of Ostrava Sokolská třída 33, 701 21 Ostrava Czech Republic

Phone: +420 59 732 2312 Fax: +420 59 732 2300

Konference_smsis@vsb.cz

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400

Fax: 845-758-2634

Email: curran@proceedings.com Web: www.proceedings.com

CONTENTS

PREFACE	3
Gf kqt keriDqctf	4
Comparison of SGS Research Findings and Research Findings of Firm RPIC – VIP Ltd. Omar Ameir	5
New Tools and Options for Multi-Criteria Decision Making Jitka Banarova	11
The Significance of Soft System Modelling Aimed at the Preservation of Organization Competitiveness Blanka Bazsova, Anna Krizova	18
The Safety Document Exchanging between Authorities and Companies within eGovernment Jan Capek	24
Information Management in Web 2.0 Technology Context Changes in Competitiveness Requirements on ICT graduates Petr Doucek, Antonín Pavlicek, Lea Nedomova	34
Agile Software Development – How to Deliver Best Results While Avoiding Common Pitfalls Dalibor Kaluza, Jindrich Kaluža	46
Some Specific Issues Solution in Data Modelling Ludmila Kaluzova	55
Methodology of Usability Evaluation of Web-based GIS Applications Jitka Komarkova, Miloslav Hub, Pavel Sedlak, Ondrej Visek, Oldrich Horak, Martin Novak, Martin Jedlicka	64
Sequential Petri Nets and the Modeling of Multithreading Programming Systems Ivo Martinik	77
Strategic Management of the Public Universities – Systemic Limits in Czech Conditions Eva Moravcova	95
Business Intelligence System Success Factors in Context of DeLone & McLean's Information System Success Assessment Model with Some Application Scenarios Radek Nemec	105
ICT Skills and Informatization in the Czech Republic in Comparison with Other EU Countries Ota Novotny, Petr Doucek	112

A Comparison of National ICT Metrics, Indicators and Models in Successful ICT Driven Economies	125
Antonín Pavlicek, Tomas Sigmund, Vaclav Oskrdal, Josef Hubacek	
Going Green: Cloud Computing and Sustainability Nataša Petrovic, Veljko Jeremic, Sonja Isljamovic	134
Process Oriented IT Management Robert Rankl	144
Risk Management and FMEA Petr Rehacek	154
Application of Modeling Tools for Modeling of Spatial Analyses for Physically Impaired People Pavel Sedlak, Jitka Komarkova, Stanislava Simonova, Ivana Simcakova	159
Some Informational Aspects of Municipal Waste Management System Ales Gabrscek, Drago Vuk, Marjan Senegacnik	172
Enterprise Information System Design Using REA Enterprise Model Jaroslav Sevcik, Zdenek Melis, Jaroslav Zacek, Frantisek Hunka	179
Strategic Management of Innovation in Central European (V4) Countries Karel Skokan, Michaela Stanickova	192
Alliance Constellations as the Main Growth Form of Global Corporations? Verification Probe Włodzimierz Sroka	212
Open Source ERP Systems Frantisek Sudzina	225
Management System in E-commerce Petr Suchanek, Dominik Vymetal	234
Data Boxes and the Document Management System in the Public Administration Pavel Vlcek	247
Seeing the Organisation as a Normative Personality Maurice Yolles, Gerhard Fink	253
INDEX	291