

Tuesday, July 29, 2008

09:00-18:00

Hall B

Special Focus Symposium on Engineering and Management of IT-based Organizational Systems: *A Systems Approach*

Co-Chairs: Professor Miroljub Kljajic, University of Maribor, Slovenia,
Assoc. Prof. Manuel Mora, Autonomous Univ. of Aguascalientes, México,
Prof. Ovsei Gelman, Universidad Nacional Autónoma de México, México

A Mediator for BioSpatial Information Systems

A. Alcántara¹, C. Alegría¹, A. L. Ávila¹, R. Barrera¹, D. Esparza¹, A. D. Hernández¹, I. Rivera²,
¹CCADET, Univ. Nacional Autónoma de México; ²CIC, Instituto Politécnico Nacional, México

Service-Based Infrastructures for New Generation of Interactive Territorial Management Systems

Giuseppe Conti, Raffaele De Amicis, Stefano Piffer, Bruno Simoes, Fondazione Graphitech, Italy

The Problem of Traceability and its Handling in Complex Decision Processes

Carolin Hürster, Univ. of Ulm, and Hannes Omasreiter, Thilo Schwinn, Daimler AG, Germany

Software Selection in Manufacturing Industries Using a Fuzzy Multiple Criteria Decision Making Method, PROMETHEE

R. Venkata-Rao, S. V. National Institute of Technology, India

Self-Organizing Map and Concept

Tadashi Ae, and Kazumasa Kioi, Hiroshima Institute of Technology, Japan

Multi-objective Optimization of Electro-chemical Machining Process Parameters Using a Soft Computing Technique

P.J. Pawar, and R. Venkata-Rao, S. V. National Institute of Technology, India

LUNCH BREAK 12:00 – 14:00

Significance of Simulation & Systems Approach Methodology in Development of Complex Systems

Miroljub Kljajić, University of Maribor, Slovenia

Simulation Aided Anticipation of Intelligent Systems Behavior

Eugene Kindler, and Ivan Krivy, University of Ostrava, Czech Republic

System Approach to Determination of Control Strategy in Hierarchical Manpower System

Andrej Skraba, Miroljub Kljajić, Davorin Kofjac, and Mitja Obed, University of Maribor, Slovenia

The Development of Organic Agriculture Model – a System Dynamics Approach to Support Decision Making Processes

Črtomir Rozman, Andrej Škraba, Miroljub Kljajić, Karmen Pažek, Martina Bavec, and Franci Bavec, University of Maribor, Slovenia

Implications for Development Lifecycles of IT-based Organizational Systems from SE and SWE Process Standards/Models using Theory of Systems

Manuel Mora¹, Ovsei Gelman², and Jorge Macías-Luévano¹, ¹Autonomous University of Aguascalientes, México; ²CCADET, Universidad Nacional Autónoma de México, México.

Semantic Web Services Process Mediation using WSMX Concepts

Tariq Mahmoud, and Jorge Marx-Gómez, University Oldenburg, Germany

Four Ways to Represent Computer-Executable Rules

Jeffrey G. Long, USA

Round Table Discussion