

**5th International Symposium on
Simulation Based Decision Support
& Business Intelligence**

Chair: Emeritus Prof. Dr. Miroljub Kljajić, University of Maribor, Slovenia

Hiperincursive Stable Algorithm for Simulation of the Non-linear Lotka-Volterra System, Separable into Alternating Incursive Algorithms, with the Conservation of the Constant of Motion

by Prof. Dr. Daniel M. Dubois, University of Liège, Belgium

Integral approach to Development of Sugar Beet Production–to Support Decision-Making Processes

by Prof. Dr. Č. Rozman², Emeritus Prof. D. M. Kljajić¹, and Prof. Dr. Karmen Pažek²

¹ University of Maribor, Faculty of Organizational Sciences, Slovenia

² University of Maribor, Faculty of Agriculture and Life Sciences, Slovenia

System Dynamics Model of Sugar Beet Production to Support Multi criteria Decision support

by Emeritus Prof. Dr. Miroljub Kljajić¹, Prof. Dr. Črtomir Rozman² and Prof. Dr. Karmen Pažek²

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² University of Maribor, Faculty of Agriculture and Life Sciences, Slovenia

Systems approach to Events Management Quality

Prof. Dr. Tadeja Jere Jakulin, and Dr. A. Golob, University of Primorska, Slovenia

Web Based Application for Hierarchical Model Optimization with Genetic Algorithms, Finite Automata and System Dynamics

Prof. Dr. D. Kofjač, Prof. B. Bavec, Prof. Dr. A. Škraba, University of Maribor, Slovenia

Modelling Maintenance and Shutdowns in a Plant Simulation

by Prof. Dr. Khalid Aboura, University of Dammam, Dammam, Saudi Arabia

Best Way of Assigning Shipments from Coin Manufactures to the Federal Banks

by Prof. Dr. Khalid Aboura, University of Dammam, Dammam, Saudi Arabia

Mixed-integer linear programming model for the single driver multiple rider matching problem in ridesharing systems

Dr. Mitja Štiglic and Prof. Dr. Mirko Gradišar, University of Ljubljana, Ljubljana, Slovenia

Image Analysis Algorithms for Recognition Systems

Prof. Dr. R. Al-Hmouz¹, and Prof. Dr. K. Aboura²

¹King Abdulaziz University, Jeddah, Saudi Arabia

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Dynamic hypothesis and simulation based decision support

by Emeritus Prof. Dr. Miroљjub Kljajić¹, Prof. Dr. Črtomir Rozman² and
Asst. Prof. Dr. Mirjana Kljajić Borštnar¹

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Incursive Stable Algorithms for Simulation of Systems

by Prof. Dr. Daniel M. Dubois, Centre for Hyperincursion and Anticipation in Ordered Systems (CHAOS), CHAOS ASBL, Institute of Mathematics B37, University of Liège, Belgium

NLS: The NetAgora Learning System

by Prof. Dr. Viveca Asproth, Emeritus Prof. Dr. Stig Holmberg and Prof. Dr A. Håkansson
Informatics, Mid Sweden University, Sweden

Coffee Break 10:45 – 11:00

ITSDM: a well-defined Methodology for Design of IT Services

by Prof. Dr. Manuel Mora¹, Prof. Dr. Mahesh S. Raisinghani² and Prof. Dr. Ovsei Gelman³

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Dynamic Allocation of Web Advertising Resources

by Prof. Dr. Khalid Aboura¹ and Prof. Dr. Ali Eskandarian²

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