

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

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

Morning Session – 9:00 a.m. to 12:00 noon

Dynamic hypothesis and simulation based decision support

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

¹ University of Maribor, Faculty of Organizational Sciences, Slovenia

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

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

¹Autonomous University of Aguascalientes, México,

²Texas Woman's University, USA

³Centro de Ciencias Aplicadas y Desarrollo Tecnológico, Universidad Nacional Autónoma de México (UNAM).

Dynamic Allocation of Web Advertising Resources

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

¹College of Business Administration University of Dammam, Dammam, Saudi Arabia

²College of Professional Studies at George Washington University, Washington D.C., U.S.A.

**(Cont'd) 5th International Symposium on
Simulation Based Decision Support & Business Intelligence**

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

Afternoon Session – 2:00 p.m. to 5:30 p.m

**Optimal Adaptive Solutions for Maintenance
Optimization Decision Support Systems**

by Prof. Dr Khalid Aboura¹ and Prof. Dr. Neville. Robinson²

¹College of Business Administration, University of Dammam, Dammam, Saudi Arabia

²School of the Environment, Flinders University, SA, Australia

Building Nursing Care Plans: Graph Based Recommendation Model

by Msc. Peter Benedik^{1,2}, As. Prof Dr. Uroš Rajkovič¹, Prof. Dr. Olga Šušteršič³ and
Emeritus Prof. Dr. Vladislav Rajkovič¹

¹University of Maribor Faculty of organizational Science, Slovenia

²SRC Infonet d.o.o., Kranj, Slovenia

³University of Ljubljana, Faculty of Health Sciences, Ljubljana, Slovenia

**One-dimensional cutting stock problem: a new method for minimizing trim-
loss and preventing a high amount of usable leftovers in stock**

by Dr. Luka Tomat, prof. Dr. Mirko Gradišar and Dr. Mitja Štiglic

Academic Unit for Business Informatics and Logistics, University of Ljubljana, Faculty of
Economics, Ljubljana, Slovenia.

Coffee Break 15:45 – 16:00

**The Development of Sugar Beet Production and Processing Simulation Model
–a System Dynamics Approach to Support Decision Making Processes**

by Prof. dr. Črtomir Rozman¹, Prof. Dr. Andrej Škraba², Prof. Dr. Karmen Pažek¹ and
Emeritus Prof. Dr. Miroljub Kljajić²

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Decision support system for small organic food businesses

by Msc. Jasna Peternel and Emeritus Prof. Dr. Miroljub Kljajić

University of Maribor, Faculty of Organizational Sciences, Slovenia

Living Lab – a living simulation experiment

by Asst. Prof. Dr. Mirjana Kljajić Borštnar and Asst. Prof. Dr. Andreja Pucihar

University of Maribor, Faculty of Organizational Sciences, Slovenia

Roundtable Discussion