Symposium on Simulation-Based Decision Support

Chair: Professor Miroljub Kljajic, University of Maribor, Slovenia

SESSION I:

Cybernetic Approach to Simulation based Decision Support
by Miroljub Kljajić, University of Maribor, Kranj, Slovenia

Decision Support Simulation System for Inventory Control
with Stochastic Variables
by Davorin Kofjač, Miroljub Kljajić, University of Maribor, Slovenia

Coffee Break 10:15 – 10:30

Fostering Group Learning in a Virtual Environment – A Simulation Experiment
by Mirjana Kljajić Borštnar, Andrej Škraba, University of Maribor, Slovenia

Modeling Decision Knowledge for Group Decision Making
by Vladislav Rajkovič (1), Olga Šušteršič (2), Uroš Rajkovič (1)
(1) University of Maribor, Faculty of Organizational Sciences, Kranj, Slovenia
(2) University of Ljubljana, Faculty of Health Sciences, Ljubljana, Slovenia

LUNCH BREAK 12:00 – 14:00

Modelling of Tourism Strategy in a Frame of System Dynamics
by Tadeja Jere Lazanski, University of Primorska – Faculty of Tourism Studies, Slovenia

Systems Approach to the Image of a Country as a Tourist Destination
by Aleksandra Brezovec, University of Primorska –
Faculty of Tourism Studies, Slovenia

Coffee Break 15:00 – 15:30

The System Dynamics Model for Strategic Planning of
Organic Farming Development
by Črtomir Rozman, Andrej Škraba, Karmen Pažek, Miroljub Kljajić,
University of Maribor, Slovenia

Modelling and Simulation of the Framework for
The Effective Implementation of «hhh »Technology in Armenia
by Vardan Mkrttchian [1], Miroljub Kljajić [2], Mirjana Kljajić Borštnar[2]
[1] HHH Technology Incorporation, All Armenian Internet University, Armenia
[2] University of Maribor, Kranj, Slovenia

Establishing Intelligent Decision Support Systems for Macroeconomic Policy Making:
Preventing Asset Price Bubbles - an Illustrative Example
by Domen Zavrl, Cesta na Brdo 65 , Ljubljana, Slovenia

Symposium on Simulation-Based Decision Support and on Advanced Simulation and Optimization Techniques in Manufacturing and Logistics

Chair: Professor Miroljub Kljajić, University of Maribor, Slovenia, and Prof. Alexander Lavrov, University of Applied Sciences, Kaiserslautern, Germany

SESSION II:

Plamt Simulation-Based Implementation of Supervisory Control
by Franciska Herrmann, Florian Lakas, Christian Müller, Daniel Rank
University of Applied Sciences, Kaiserslautern, Germany

Simulation Based Decision Processes for Territorial Security
by Daniel M. Dubois[1], Viveca Asproth[2], Stig C. Holmberg[2], and Lena-Maria Öberg[2]
[1] HEC Management School, University of Liège, B-4000 Liège, Belgium
[2] ITM / Informatics, Mid Sweden University, 83125 ÖSTERSUND, Sweden

Comparison of Assignment and Release Policies for Order Sequence Preservation in Intralogistics Systems
by Alexander Lavrov and Anika Seidel, University of Applied Sciences, Kaiserslautern, Germany

Coffee Break 10:30 – 10:45

Determination of Transition Strategies in Strict Hierarchical Manpower System by Application of System Dynamics
by Andrej Škraba, Miroljub Kljajić, University of Maribor, Slovenia

A Stochastic Process Based Bridge Condition Assessment and Prediction System
by K. Aboura and B. Samali (1), P. Manamperi and S. Perumynar (2)
(1)Centre for Built Infrastructure Research, University of Technology Sydney, Australia
(2)Roads and Traffic Authority New South Wales, Australia

BRISEIDE - Simulation and Decision Support for Civil Protection
by Giuseppe Conty, Fondazione Graphitech, Trento, Italy

LUNCH BREAK 13:00 – 14:30