

6th International Symposium on
Simulation Based Decision Support and Business Intelligence

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

Morning Session – 9:00 a.m. to 12:30

A Survey of Simulation-based DMSS for IT Service Management

by Prof. Manuel Mora¹, Dr. Jorge Marx Gómez², Prof. Dr. Ovsei Gelman, MSc. Jorge Macías Luévano¹

¹Autonomous University of Aguascalientes, México

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Analyzing and controlling the factors influencing the quality of primary education in developing countries

by Prof. Dr. Gerhard-Wilhelm Weber, Dr. Chandra Sekhar Pedamallu¹, Dr. Linet Ozdamar², Dr. Hanife Akar³ and dr. Herman Mawengkang⁴

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³Middle East Technical University, Department of Educational Sciences, 06800 Ankara, Turkey

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Contribution to Learning and Education for Simulation Based Decision Support

by Associated Prof. Dr. Mirjana Kljajić, Emeritus Prof. Miroljub Kljajić, Prof. Dr. Andreja Pucihar and Prof. Dr. Andrej Škraba

University of Maribor, Faculty of Organizational Sciences, 4000 Kranj, Kidričeva 55a, Slovenia

Coffee break

Simulation model for determining the wage payment system

by Prof. Dr. Andrej Škraba¹, Msc. Matej Grašič² and Associated Prof. Dr. Davorin Kofjač¹

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Systems engineering approach to corporate clothing development

by Associated Prof. Dr. Sonja Šterman¹, Emeritus Prof. Dr. Miroljub Kljajić², Franci Sluga³, Mirjana Kljajić Borštnar²

¹University of Maribor, Faculty of mechanical engineering, Smetanova ulica 17, 2000 Maribor,

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³University of Ljubljana, Faculty of Natural Sciences and Engineering, Snežniška ulica 5, Ljubljana,

Option modelling in agri-food production

by Prof. Dr. Karmen Pažek, Dr. Matej Kolenko, Emeritus Prof. Dr. Miroljub Kljajić and

Prof. Dr. Črtomir Rozman, Department of Agricultural Economics and Rural Development,

Faculty of Agriculture and Life Sciences, Univ. of Maribor. Maribor, Pivola 10, 2311 Hoče, Slovenia

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

Simulation Model for Educational System Reform in Tourism

by Prof. Dr. Tadeja Jere Jakulin, University of Primorska, Slovenija

Exact solution of nurse rostering problem for small group

by Prof. Dr. Mirko Gradisar, Dr. Janja Perme* and Dr. Luka Tomat

Faculty of Economics, University of Ljubljana, Kardeljeva ploscad 17, 1000 Ljubljana, Slovenia

*University Medical Centre Ljubljana, Zaloska cesta 2, 1000 Ljubljana, Slovenia

The Gaussian Process in Computer Model Emulation

by Prof. Dr. Khalid Aboura

University of Dammam, College of Business Administration, P.O. Box 1982, Dammam 31441, Saudi Arabia.

Coffee break

Comparison of using regression modeling and an artificial neural network for herbage dry matter yield forecasting

by Prof. Dr. Črtomir Rozman^{1*}, Prof. Dr. Branko Kramberger¹, Prof. Dr. Marjan Vračko³, Prof. Dr. Jernej Turk¹, Prof. Dr. Karmen Pažek¹ and Prof. Dr. Darja Majkovič²

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Development of Web Application for Evacuation Plan Visualization in a Case of Hazardous Gas Dispersion

by Associated Prof. Dr. Davorin Kofjač, Msc. Aleš Sušnik and Prof. Dr. Andrej Škraba

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