

## **3<sup>rd</sup> Symposium on Analysis and Decision-Making in Complex and Uncertain Systems**

Chair: Prof. Jerzy Józefczyk, Wrocław University of Technology, Poland

### **Human emotional decision-making as a model for agents**

Daniel M. Dubois, *Centre for Hyperincursion and Anticipation in Ordered Systems (CHAOS)*,

*CHAOS ASBL, Institute of Mathematics B37, University of Liège, Liège 1, Belgium*

### **Decision making model of nautical vessels for Croatian nautical sea ports capacity**

Natalija Jolić<sup>1</sup>, Nina Perko<sup>2</sup>, Vlatka Stupalo<sup>1</sup>

<sup>1</sup> Faculty of Transport and Traffic Sciences of University of Zagreb, Zagreb, Croatia

<sup>2</sup> Croatian Ministry of Maritime Affairs, Transport and Infrastructure, Croatia

### **Organizational ecology of business incubation in developing countries**

Susana Téllez<sup>1</sup>, Felipe Lara-Rosano<sup>2</sup>

<sup>1</sup> Faculty for Engineering

<sup>2</sup> Center for Applied Science and Technological Development (CCADET)

Universidad Nacional Autónoma de México, México

### **Practical application of systems approach**

Ing. José Dulá Navarrete, Former FAO Tech. Officer, Munich, Germany

## **COFFEE BREAK**

### **Parametric control of the economic growth of the countries of regional economic union based on computable general equilibrium model**

Abdykappar A. Ashimov, Yuriy V. Borovskiy, Nikolay Yu. Borovskiy, Bahtyr T. Sultanov, *Kazakh National Technical University named after K. Satpayev, Almaty City, Kazakhstan*

### **Fibonacci numbers. Application for the identification problem's interpolated solution**

Valery Goncharov, Andrey Liepinsh, Vladislav Rudnicki, *Institute of Cybernetics, Tomsk Polytechnic University, Tomsk, Russia*

### **Design and Simulation of Collision-Free Controls of Material Handling with Intersecting Service Zones**

by Prof. Alexander Lavrov, University of Applied Sciences - FH, Kaiserslautern, Germany

### **Simulation-Based Design of Material Flow Control Strategies with Energy Consumption Optimization**

by Michael Schaub, University of Applied Sciences - FH, Kaiserslautern, Germany

### **Complex decision making problems in sensor networks**

Jerzy Józefczyk, Seweryn Jagusiak, *Wrocław University of Technology, Wrocław, Poland*

