



Monday, August 7, 2006

8:45–17:30

Hall C

**4th Special Focus Symposium on Catallactics:
Quantitative-Behavioural Modelling Of Human Actions
and Interactions on Markets**

Joint Chairs: Prof. Dr. Otto Loistl^a, Prof. Dr. Vladimir Šimović^b and Mr. Michael Hüetl^a

^aVienna University of Economics and Business Administration, Vienna, Austria

^bUniversity of Zagreb, and Zaprešić College, Croatia

8:45 - 9:00

Welcome Address

Session I “Financial Decision Making“ chaired by Efim Bronshtein

9:00 - 9:30 **Modelling of Multi Criteria Decision**

Mária Hromníková

9:30-10:00 **Global and Local Minimums of Maintenance Costs**

Dominika Crnjac and Ivana Barković

10:00-10:30 **Some optimization problems of investment theory**

Efim Bronshtein, Tatyana Oleynik, and Gulnara Latypova

10:30-11:00 **Linear Models of Insolvency Forecasting**

Efim Bronshtein and Gulnaz Rakhimkulova

11:00-11:30

Coffee Break

Session II “Market Microstructure” chaired by Otto Loistl

11:30-12:00 **A Quantitative-Behavioural Approach to Limit Order Book Analysis-Theoretical Foundation and Empirical Simulation**

Michael Hüetl, OttoLoistl, and JohannesPrix

12:00-12:30 **Empirical Evaluation of Open Limit Order Book Models**

JohannesPrix, OttoLoistl, and Michael Hüetl

12:30-13:00 **Building Software Agents for Market Segmentation**

Brano Markić

13:00-13:30 **Specialized Day Trading - A New View on an Old Game**

Vladimir Šimović and Vladimir Šimović

13:30-15:30

Lunch Break

Session III “Projects and Risks“ chaired by Ljubica Bakić-Tomić

15:30-16:00 **Risks in Project Management**

Vesna Markovac, Ljubica Bakić-Tomić, and Vilim (William) Vranović

16:00-16:30 **Quality Assurance in Project Management**

Vilim (William) Vranović, and Vesna Markovac

16:30-17:00 **Computer Crime and Business Information**

Slavko Šimundić

17:00-17:30 **Methods and Technology of Operational Analytics in Combating Computer Crime**

Slavko Šimundić and Mario Dumančić



Tuesday, August 8, 2006

8:45–14:00

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8:45 - 9:00 **Arrival at Conference Venue**

Session IV “System Dynamics Simulation“ chaired by Vladimir Šimović

9:00 - 9:30 Simulation of Investor Behaviour on Stock Markets Using Lattice Model
Ladislav Lukáš

9:30-10:00 Finance Problem Modelling With Vensim® System Dynamics Example
Vatroslav Zovko, Vladimir Simovic, and Duje Ancic

10:00-10:30 Applications of Threshold and Smooth Transition Models to Economic Phenomena
Alexandr Kuchynka

10:30-11:00 Financing Co-Payments as a Health Care Consumption Control Mechanism - A System Dynamics Model
Vatroslav Zovko, Vladimir Simovic, and Duje Ancic

11:00-11:30 **Coffee Break**

Session V “Corporate and Global Economic Performance“ chaired by Li Xiaomin

11:30-12:00 Corporate Ventures - A Source of Investment Opportunities in Global Economic Environment
Lidija Romić, Gojko Ostojic, and Vladimir Šimović

12:00-12:30 GDP of the European Union
Ludmila Bokrošová

12:30-13:00 On The Discrepancy between Venture Capital Investment’s Culture and Traditional Chinese Culture
Li Xiaomin, and Chen Demian

13:00-13:30 Improvement the Productivity and Costs in Graphic Production System
Klaudio Pap, Mario Barisic, and Ivica Pogarcic

13:30-13:55 **Closing Remarks**

14:00- **Lunch**