Final Program of the MOSIS´09 Conference

April 6, 2009

19:00 - 21:00
Registration

April 7, 2009

9:00 - 10:30
Registration

11:00 - 12:00
Opening session
JAROŠ Adam, UŽ Žilina: *New Tools for Design of the Online Simulation Models*
KVASNICA Peter, TUAD Trenčín: *The Principle Simulation and Accuracy of Integration of the Mathematical Models Simulator*

12:00 - 13:30
Lunch break

13:30 - 15:30
ŠTEVEK Juraj – KOZÁK Štefan, STU Bratislava: *Computer Aided Programme Control System (CAPCS)*
MAKYS Miroslav – KOZÁK Štefan, STU Bratislava: *Modeling, Simulation and Control of Hybrid Embedded Systems*
BUZDIN Dmitry, Riga TU: *Generative Approach to DSL Grammar Definition*
RATYŃSKA Jadwiga, TU Radom: *An Approach to Morphosyntactic Specifications Applied for Natural language Semantics*

15:30 - 16:00
Coffee break

16:00 - 18:00
SVOJANOVSKÝ Petr – KRESLÍKOVÁ Jitka, VUT FIT Brno – NOVÁK Luděk, ANECT Brno: *Risk Identification in ISO/IEC 20000:2005 Implementation – Experience from ANECT a.s.*
PICHEN Dawid – GRZYBOWSKI Arkadiusz, WUT Wrocław: *Evaluation of Advanced Network Traffic Management Capabilities of Popular Operating Systems*
MARKOWSKI Marcin – KASPRZAK Andrzej, WUT Wrocław: *Simulation-Based Estimation of Servers' Allocation Cost in Wide Area Networks*
RYBA Przemyslaw – KASPRZAK Andrzej, WUT Wrocław: *Modelling Distributed Computations in Two-Tier Hierarchical Wide Area Network*
PUCHALA Karol – KASPRZAK Andrzej, WUT Wrocław: *Optimal Unicast and Multicast Flow Assigment Problem in Wide Area Networks: Problem Formulation*

19:00 - 21:00
Evening Party

April 8, 2009

9:00 - 10:00
MIODEK Wojciech – Michal PIOTROWSKI – KOSZALKA Leszek – POZNIAK-KOSZALKA Iwona, WUT Wrocław: *Simulation System for Testing Overflowing Task Allocation Algorithm*
KUBACKI Jacek – KOSZALKA Leszek – POZNIAK-KOSZALKA Iwona,, WUT Wrocław: *Comparison of Heuristic Algorithms Solving Mesh Network Path Finding Problem*

10:00 - 10:30
Coffee break

10:30 - 12:00

WALKOWIAK Krzysztof – LENARSKI Krzysztof, WUT Wrocław: *Tabu Search Algorithm for Optimization of Multilayer Computer Networks*

WALKOWIAK Krzysztof – KUCHARZAK Michal, WUT Wrocław: *New Approaches to Modeling of Flows in Peer-to-Peer Systems*

GŁADYSZ Jakub – WALKOWIAK Krzysztof, WUT Wrocław: *A Flow Deviation Algorithm for Simultaneously Unicast and Anycast Routing in CFA Problem with Linear Cost Function*

KRUG Wilfried – KRUG Heike, DUALIS Dresden: *Simulation and Optimization of Digital Factories*

12:00 - 13:30
Lunch break

13:30 - 15:30

PENIAK Peter, Continental Matador Púchov – KÁLLAY Fedor, UŽ Žilina: *OPC Unified Architecture (OPC UA), the New a Platform – Independent Standard for Data Communication in Process Automation*

ČECH Vladimír, Brno – JEVICKÝ Jiří, UO Brno: *Algorithms of the Target Trajectory Extrapolation*

CIGÁNEK Ján – KOZÁK Štefan, STU Bratislava: *Robust Digital Controller Design*

POŽIVIL Jaroslav – HANTA Vladimír, VŠHT Praha: *Chemical Process Simulation in Education at Prague Institute of Chemical Technology*

MARTINEK David, VUT FIT Brno: *Optimization of Fuzzy Systems Simulation*

15:30 - 16:00
Coffee break

16:00 – 18:00

SKLÁDANKA Josef – SCHINDLER Petr, VUT Brno: *Robotic Laboratory for Artificial World Model Problem Solving*

CHASZCZEWSKA-MARKOWSKA Monika – KOZŁOWSKI Ryszard – Marcin MARKOWSKI, WUT Wrocław: *Modeling the Impact of Marketing Strategy on Blood Donors' Number*

BURDUK Robert, WUT Wrocław: *Bootstrap Method in Multistage Classifier with Fuzzy Observations*

JACKOWSKI Konrad, WUT Wrocław: *Feature Selection Methods for Sparse Learning Set Based On Evolutionary Programming*

KOZIOŁ Mariusz – Michal WOZNIAK, WUT Wrocław: *Models of Multivariate Decision Tree Induction*

April 9, 2009

8:30 - 10:00

NOVÁKOVÁ Martina – MAŠČENIK Jozef – BATEŠKOVÁ Eva, Prešov: *The Application AUTODESK Inventor 2009 on High School in Education at Technical Documentation*

ŠEMBERA Jaroslav, VUT FEEC Brno: *Model mnohosměrného robotického podvozku*

10:00 - 10:30
Coffee break

10:30 - 12:30
Final session

BATEŠKOVÁ Eva – MAŠČENIK Jozef, Prešov: *Course of Material Structural Changes by Using Technology of the Thermal Drilling Flowdrill*

MAŠČENIK Jozef – BATEŠKOVÁ Eva, Prešov: *Design and Computing of Gearing with AUTOCAD Inventor 2009*

KOPEČNÝ Lukáš, VUT Brno: *Thermodynamic of Pneumatic Muscle Actuator*