

Friday, 26.10.2007

10:00 – 11:30 Registration

11:30 – 12:30 Lunch

Green Lounge

Attic Classroom

12:45 Opening Ceremony

13:00 – 14:00 Tiziana Margaria-Steffen (Invited Talk)

Thinking in Services: Methodologies and Adoption

14:05 – 15:35 L. Holík and A. Rogalewicz

Counterexample Analysis ...

V. Hrubá, B. Křena, and T. Vojnar

Using Java PathFinder for Self-healing Assurance

P. Moravec and J. Šimša

Relaxed Cycle Condition Improves Partial Order Reduction

M. Kot

Notes on Modeling of V4DB in Uppaal

J. Glöckler

Languages Accepted by Forgetting Automata

H. Mlnářik

Syntactic Type Soundness in Structured Imperative Languages

V. Babka and P. Tůma

Effects of Memory Sharing

J. Gaura, M. Krumnikl, J. Platoš, and E. Sojka

Parallel Architectures in Digital Image Processing

S. Kubisch, D. Timmermann, and

E. Heinrich

A Mesochronous Network-on-Chip for an FPGA

M. Straka and Z. Kotásek

Checker for Communication Protocol ...

I. Peterlík

Distributed Precomputation of State-space

J. Škarvada

RT Level Test Optimization for Low Power Consumption

15:35 – 16:00 Coffee Break

Green Lounge

16:00 – 17:00 Geraint Price (Invited Talk)

Security Without Authentication?

17:00 – 17:25 D. Kouřil, L. Matyska, and M. Procházka (Presentation)

On Distribution Certificate Revocation Information in Grids

17:25 – 17:50 T. Herrman (Presentation)

Circuit Partitioning Based on Formal Model

17:50 – 18:15 M. Petřík (Presentation)

Many-valued Memory Circuits

19:00 Dinner, Wine Bar

Saturday, 27.10.2007

Green Lounge

- 9:00 – 10:00 Ian Taylor (Invited Talk)
Distributed Crossroads: Where P2P, Web Services and Workflow Meet
- 10:00 – 10:25 M. Kuba, D. Kouřil, and M. Procházka (Presentation)
Sealed Grid with Downloadable Services

10:25 – 10:55 Coffee Break

Green Lounge

- 10:55 – 12:25 J. Krajčček, R. Lukáš, and A. Meduna
Homogeneous Multicontinuous Grammars and Their Reduction
- Z. Křivka, A. Meduna, and J. Smrček
n-Right-Linear #-Rewriting Systems
- T. Masopust
Generalized Forbidding Grammars with Linear Productions
- J. Techet
Scattered Context Grammars ...
- S. Turaev
Petri Net Controlled Grammars
- O. Peterka, O. Ryšavý, V. Lorenc, M. Osovský, and L. Škarvada
Can Objects Have Dependent Types?

Attic Classroom

- M. Bozga, R. Iosif, and V. Sfyrla
Optimum Paths in Weighted Graphs
- R. Královič and T. Mömke
Hardness of the Traveling Salesman Reoptimization
- M. Mati
Fast RNA Family Search
- J. Uramová, M. Klimo, and K. Bachratá
Information Model of Network Throughput
- D. Novák
Image Similarity Search: Theory and Practice
- J. Šupol
Parallel Pattern Matching Using Bit-vectors

12:30 – 14:00 Lunch

Saturday, 27.10.2007

Green Lounge

- 14:00 – 15:00 **Bernhard Steffen (Invited Talk)**
Behavioral Model Construction
- 15:00 – 16:15 **P. Švenda**
Secrecy Amplification Protocols
D. Klusáček, L. Matyska, and H. Rudová
Local Search for Deadline Driven Grid Scheduling
T. Rebok
DiProNN Programming Model
L. Boháč
Equivalence of Programmable Quantum Processors
T. Takahashi, H. Imai, S. Moriyama, and D. Avis
Quantum Correlation and Semidefinite Relaxation
- 16:15 – 16:45 Coffee Break
- Green Lounge
- 16:45 – 17:10 **T. Brázdil and V. Forejt (Presentation)**
Strategy Synthesis for Markov Decision Processes and Branching-Time Logics
- 17:10 – 17:35 **M. Bulínska (Presentation)**
Some Results on Generative Capacity and Computational Complexity of Lambek Calculus with Assumptions
- 17:35 – 18:00 **J. Sedmidubský**
Querying Similarity in Metric Social Networks
- 19:30 Diner, Standing Party, Minorit Monastery

Sunday, 28.10.2007

Green Lounge

9:00 - 10:00 **Javier Esparza (Invited Talk)***Newtonian Program Analysis*10:00 - 10:45 **V. Brožek***Regularity in Model Checking PDA Games***J. Nešetřil and T. Valla***On Ramsey-type Positional Games***I. Fialík***Classical Winning Strategies for the Matching Game*

10:45 - 11:15 Coffee Break

Green Lounge

11:15 - 11:45 **A. Vescan***Components Ordered Assembly Construction***B. Zimmerova and P. Vařeková***Reflecting Creation and Destruction in CBSs Modelling*11:45 - 12:15 **Closing Ceremony and Prizes Announcement**

12:30 - 14:00 Lunch

14:00 Departure, Bus to Brno