



1st Annual Scientific Meeting of
Computer Science Institute
of Charles University
and Institute for Theoretical
Computer Science (CE-ITI)

December 13 and 14, 2012

All lectures are at Academy of
Performing Arts in Prague,
Malostranské nám. 13,
hall Galerie

Program

Thursday, December 13

10:00	Cliff Stein	Resource Cost Aware Scheduling
10:45	Michal Koucký	Computing error-correcting codes by bounded-depth circuits
11:30	Martin Loeb	On Rota's bases conjecture
12:15	<i>Lunch at the faculty building</i>	
14:00	Alberto Marchetti-Spaccamela	Sporadic real-time multiprocessor task systems
14:45	Jan Obdržálek	From trees to shrubs and m-partite cographs
15:15	Petr Hliněný	When MSO and FO logics express the same

Friday, December 14

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| 9:30 | Kirk Pruhs | Optimal energy trade-off schedules |
| 10:15 | Ondřej Pangrác | Coloring Eulerian triangulations of the Klein bottle |
| 10:40 | Petr Kučera | Propagation complete formulas |
| 11:05 | Pavel Surynek | Cooperative path finding for multiple robots |
| 11:30 | Roman Čada | On the equivalence of Jackson's and Thomassen's conjectures |
| 12:15 | <i>Lunch at the faculty building</i> | |
| 14:00 | Nikhil Bansal | Semidefinite optimization in discrepancy theory |
| 14:40 | Michel Habib | On some graph problems in biology |
| 15:20 | Rostislav Horčík | Algebraic methods from substructural logics and formal languages |
| 15:50 | Gábor Kun | Satisfaction problems and expander relational structures |
| 16:30 | Patrice
Ossona de Mendez | A model theory approach to structural limits |