

Pátek 15. listopadu 2013

13:30-14:00	Kafíčko a zahájení		
	T112	T212	T211
14:00-14:20	David Fabian <i>Configuration Dynamics Verification Using UPPAAL</i>	Jan Korbel <i>Modeling Financial Time Series: Multifractal Cascades and Rényi Entropy</i>	Jan Fuksa <i>On Construction of Solutions of Yang-Baxter Equation</i>
14:25-14:45	Vladimír Klement <i>Algebraic Multigrid on GPU</i>	Michael Matějů <i>Condensation in the Zero-range Processes</i>	František Štampach <i>Nové třídy ortogonálních polynomů a nedeterminovaný momentový problém</i>
14:50-15:10	Josef Smolka <i>Feature Collection for Source Code Classification and Pattern Recognition</i>	Pavel Hrabák <i>Headway Distribution for IPS</i>	Helena Kolešová <i>SU(5) à la Witten</i>
15:15-15:35	Michal Rost <i>Feature Definition and Software Design for Java Source Code Classification Tool</i>	Matej Mojzeš <i>Heuristic Time Complexity Analysis via Markov Chain</i>	Martin Jílek <i>Numerical Simulations of Lunar Plasma Environment</i>
15:35-16:00	Kafíčko		
16:00-16:20	Tomáš Bublík <i>Java Source Code Structures Scanning by Graph Matching Algorithm</i>	Lucie Tylová <i>Monte Carlo Estimation of Correlation Dimension for EEG Analysis</i>	Michal Jex <i>Spectral Asymptotics of a Strong δ' Interaction on a Planar Loop</i>
16:25-16:45	Vladimír Španihel <i>Paralelizace neuronové sítě s přepínacími jednotkami</i>	Jiří Palek <i>Využití metod založených na jádrových funkcích v biomedicíně</i>	Josef Schmidt <i>Fock-Cadabra Approach to Stress-Energy Tensor</i>
16:50-17:10	Dzmitry Makatun <i>Distributed Data Processing in High-Energy Physics</i>	Václav Hubata-Vacek <i>Permutation Entropy</i>	Dalibor Karásek <i>Cohomologies of Lie Algebras and Extendability</i>

Pátek 22. listopadu 2013

13:30-14:00	Kafíčko a zahájení		
	T112	T212	T211
14:00-14:20	Radek Hřebík <i>Principal Component and Economic Data</i>	Lucie Strmisková <i>Notes on Electro-Osmotic Drag Coefficient</i>	Adam Novozámský <i>A New Approach to Photo-Response Non-Uniformity Calculation</i>
14:25-14:45	Martin Hejtmánek <i>A Novel Approach to Silicon Chips Classification</i>	Karolína Korvasová <i>The Influence of an Interacting Substrate on Turing Conditions</i>	Michal Havlíček <i>Dynamic Textures Modelling with Temporal Mixing Coefficients Approximation</i>
14:50-15:10	Ondřej Tichý <i>On Validation of Algorithms for Dynamic Medical Data Separation</i>	Radek Máca <i>Segmentation of MRI Data by Means of Nonlinear Diffusion</i>	Jana Hradilová <i>Noninvasive Study of Skin Viscoelastic Properties Using Ultrasound</i>
15:10-15:30	Kafíčko		
15:30-15:50	Daniel Dombek <i>Generating $(\pm\beta)$-integers by Conjugated Morphisms</i>	Ondřej Polívka <i>Compositional Modeling in Porous Media</i>	Iva Bezděková <i>Stability of Point Spectrum for Three-state Quantum Walks on a Line</i>
15:55-16:15	Tomáš Vávra <i>Arithmetical Aspects of a Number System with Negative Tribonacci Base</i>	Vítězslav Žabka <i>Implementation of the Finite Element Method for the Heat Equation</i>	Antonín Hoskovec <i>Dynamical Decoupling and Bent Networks</i>
16:20-16:40	Miroslav Pištěk <i>New Approach to Electricity Markets: Analytic Solution of ISO Problem</i>	Miroslav Kolář <i>Dynamically Evolving Dislocations</i>	Jan Vysoký <i>On the Generalized Geometry Origin of Noncommutative Gauge Theory</i>