Pátek 10. listopadu 2017

13:30–14:00	Kafíčko a zahájení (T212)		
	T210	**T211**	**T209**
14:00–14:20	Václav Kautský *Cramér-Rao Induced Bound for Interference-to-Signal Ratio Achievable through Non-Gaussian Independent Component Extraction*	Filip Petrásek *Plane-Parallel Waves as Duals of the Flat Background II: T-Duality with Spectators*	Ondřej Pártl *Numerical Modeling of Non-isothermal Compositional Compressible Gas Flow in Soil and Coupled Atmospheric Boundary Layer*
14:25–14:45	Jakub Štěch *Lazy Fully Probabilistic Design: Application Potential*	Michal Juránek *Discrete Fourier Calculus of Hartley Orbit Functions*	Jakub Klinkovský *Numerical Solution of Two-Phase Flow in Porous Media Using Unstructured Meshes on GPU*
14:50–15:10	Ondřej Faltys *Area-Level Gamma Mixed Model*	Adam Brus *Multivariate Chebyshev-like Polynomials of the Fourth Kind*	Jakub Solovský *Numerical Method for Two Phase Flow Problems in Porous Media*
15:10–15:30	Kafíčko (T212)		
15:30–15:50	Martin Dlask *Bayesian Approach to Hurst Exponent Estimation*	František Růžička *Logaritmická Schrödingerova rovnice a její PT symetrické analogie*	Vít Hanousek *Podpora distribuovaných výpočetních systémů v knihovně TNL pomocí MPI*
15:55–16:15	Radek Hřebík *Kohonen SOM Learning Strategy and Country Classification*	Iveta Semorádová *The Problem of Coexistence of Several non-Hermitian Observables in PT-Symmetric Quantum Mechanics*	Martin Flusser *Towards Reliable Anomaly Detection on Difficult Data*
16:20–16:50	Jitka Kostková *Gaussian−Hermite Moments in Object Recognition*	Radek Novák *On the Kramers-Fokker-Planck Equation with Decreasing Potentials in Dimension One*	Ondřej Šubrt *The Communication Library DIALOG for iFDAQ of the COMPASS Experiment*

Pátek 24. listopadu 2017

13:30–14:00	Kafíčko a zahájení (T214)		
	T210	**T211**	**T212**
14:00–14:20	Martin Malachov *Phase Transition of Chaotic Dynamics in Quantum Purification*	Václav Svoboda *Transmutation of Statistics in Financial Time Series Data*	Lucie Tylová *Diagnosing Alzheimer's Disease Using Granger Causality*
14:25–14:45	Jan Mareš *Transport Properties of Percolated Coined Quantum Walks on Various Graphs*	Marek Bukáček *Evaluation of Pedestrian Density Distribution with Respect to the Velocity Response*	Zbyněk Pitra *Adaptivity of Gaussian Process-Based Versions of the CMA-ES*
14:50–15:10	Kateřina Medková *Derived words to prefixes of sturmian sequences*	Ondřej Kollert *Unfolding of Spectra in Damped Unitary Ensemble of Hyperbolic Kind*	Hynek Walner *Iterative Reconstruction of Compressed Sensed MRI Data*
15:10–15:30	Kafíčko (T214)		
15:30–15:50	David Celný *Model of Planar and Spherical Phase Interface Geometries for Multi-Component Mixtures*	Martin Plajner *Monotonicity in Bayesian Networks for Computerized Adaptive Testing*	Alkomiet Belal *Bayesian Source Term Determination with Unknown Covariance of Measurements*
15:55–16:15	Michal Kozák *Analysis of pattern emergence in Turing systems with inhomogeneity in reaction term*	Issam Salman *A Machine Learning Method for Incomplete and Imbalanced Medical Data*	Kateřina Henclová *Using CMA-ES for Black-box Tuning of Coupled PID Controllers in Simulations*
16:20–16:50	Josef Navrátil *Reaction-Diffusion Systems with Two Unilateral Sources*	Tomáš Kouřim *Random Walks with Varying Transition Probabilities*	Vít Škvára *Bayesian Matrix Factorization in Multiple-Instance Learning Problem*