Friday November 10, 2023

	T209	T210	T212
14:00–14:20	Coffee and opening		
14:20–14:40	**Vladislav Belov** *Manifold Analysis in the Coreference Resolution Problem*	**Vojtěch Teska** *Discrete Orthogonality of Orbit Functions Arising from the Root System C_2*	**Martin Jex** *An Improved Branch and Bound Algorithm for Phase Stability Testing of Multicomponent Mixture*
14:45–15:05	**Marek Dědič** *Which Graph Properties Affect GNN Performance for a Given Downstream Task?*	**Patrik Šnauko** *New Families of Orthogonal Polynomials Generated from the Level One Solutions of the Heun Equation*	**Jan Kovář** *An Overview of 4D Flow Reconstruction using the Adjoint Method*
15:10–15:30	**Jiří Fejlek** *LQR-Trees with Sampling Based Exploration of the State Space*	**Jana Lepšová** *Dumont-Thomas Numeration Systems for $\mathbb{Z}$*	**Martin Zemko** *Optimization of Fast Parallel Operations with Large Disk Arrays*
15:30–16:00	Coffee		
16:00–16:20	**Antonie Brožová** *Understanding Neural Blind Image Deconvolution*	**Stanislav Skoupý** *Quantum Walk State Transfer on a Hypercube*	**Maneesh Narayanan** *Applications of Constrained Curvature Flow*
16:25–16:45	**Václav Košík** *CNN Ensemble Robust to Rotation Using Radon Transform*	**Václav Růžek** *Dirac Operator on Star-Shaped Graphs*	**Juraj Kováč** *A GENERIC Theory of the Van der Waals Fluid*

	Friday November 24, 2023	
14:00–14:20	Coffee and opening	
	T210	**T212**
14:20–14:40	František Gašpar *Butterfly Diffusion over Sparse Point Sets*	Tereza Lehečková *Black Hole Uniqueness in Gravity Conformally Coupled to a Scalar Field*
14:45–15:05	Nikita Vatamaniuc *Power Spectral Features of Musculoskeletal Disorders and Their Classification*	Jaroslav Kňap *The Early-Universe and the $S_{q,\delta}$ Entropy*
15:10–15:30	Kristina Jarůšková *Self-Attention for Image Completion Task on the Calorimeter Data in High Energy Physics*	Filip Moučka *Palatini Variation in Generalized Geometry and String Effective Actions*
15:30–16:00	Coffee	
16:00–16:20	Radovan Zeman *Non-equilibrium Strain and Elastic Hysteresis in Static and Dynamic Experiments in Sandstones*	Ondřej Kubů *Quadratically Integrable Systems with Velocity Dependent Potentials: Generalized Integrals*
16:25–16:45	Martin Kovanda *Parameter Estimation in Cyclic Plastic Loading*	Lukáš Heriban *Non-local Relativistic δ-Shell Interactions*