

Session Program

November 26, 2025



MatFyz CONNECTIONS 2025

*Poster session + káva: prezentácie vedeckých výsledkov FMFI UK
Zamestnanci Informatika*

Wed, November 26

3:15 PM

Poster session + káva: prezentácie vedeckých výsledkov FMFI UK Zamestnanci Informatika

Session | Conveners: Robert Lukotka, Kristína Malinová, Martin Homola

3:15 – 3:16 PM

Can Full Set-Theoretical Subsumption Semantics in Metamodelled Description Logics Be Captured Within Decidable FOL Fragments?

3:16 – 3:17 PM

Modeling Security Under Partial Observability

3:17 – 3:18 PM

Noncanonical chromosomal-end-specific telomeric arrays in naturally telomerase-negative yeasts

Speaker

Bronislava Brejová

3:18 – 3:19 PM

Explainable Malware Analysis

3:19 – 3:20 PM

Pangenome-based characterization of novel genetic variants

Speaker

Dr Luca Denti

3:20 – 3:21 PM

Teaching software development in MSc. courses: Cooperation of FMFI UK with IT industry

3:21 – 3:22 PM

Cross-Domain Synthetic Data Generation: From Avatars to Real-World Applications

3:22 – 3:23 PM

Circular chromatic index

3:23 – 3:24 PM

Kuriatko alebo pes?

3:24 – 3:25 PM

Three-view Focal Length Recovery From Homographies

3:25 – 3:26 PM

Optimizing hyperparameters of a novel bio-inspired neural network via interpretable meta-modeling

3:26 – 3:27 PM

Explainable Malware Detection via Relational Graph Neural Networks with Bidirectional Relations

3:27 – 3:28 PM

Addition is almost all you need: Compressing neural networks with double binary factorization

3:28 – 3:29 PM

MACKO: Sparse Matrix-Vector Multiplication for Low Sparsity

4:45 PM