

**Data Mining and Data Warehouses – SiKDD**

**Odkrivanje znanja in podatkovna skladišča - SiKDD**

Monday 9th October 2023 / Ponedeljek 3. oktober 2023

Link to the conference online ZOOM room:

<p>9:00 – 11:00</p>	<p>Opening Dunja Mladenic, Marko Grobelnik</p> <p>Session A / Sekcija A</p> <p>Chair / Vodi: Dunja Mladenić</p> <ul style="list-style-type: none"> <li>• <b>Krisztian Buza, M. Beshar Massri and Marko Grobelnik:</b> Forecasting Trends in Technological Innovations with Distortion-Aware Convolutional Neural Networks</li> <li>• <b>Jože M. Rožanec, Beno Šircelj, Peter Nemec, Gregor Leban and Dunja Mladenić:</b> Building A Causality Graph For Strategic Foresight</li> <li>• <b>Patrik Zajec, Primož Škraba and Dunja Mladenić:</b> Towards Testing the Significance of Branching Points and Cycles in Mapper Graphs</li> <li>• <b>Jože M. Rožanec, Erik Koehorst and Dunja Mladenić:</b> Highlighting Embeddings' Features Relevance Attribution on Activation Maps</li> <li>• <b>Abdul Sittar, Dunja Mladenić:</b> An approach to creating a time-series dataset for news propagation: Ukraine-war case study</li> <li>• <b>Oleksandra Topal, Inna Novalija, Elena Gobbo, Manja Zupan Šemrov and Dunja Mladenić:</b> Predicting Horse Fearfulness Applying Supervised Machine Learning Methods</li> </ul>
<p>11:00 – 11:30</p>	<p>Break / Odmor</p>
<p>11:30 – 13:00</p>	<p>Session B / Sekcija B</p> <p>Chair / Vodi: Marko Grobelnik</p>

	<ul style="list-style-type: none"> <li>• <b>Adrian Mladenić Grobelnik, Faizon Zaman, Jofre Espigule-Pons and Marko Grobelnik:</b> Emergent Behaviors from LLM-Agent Simulations</li> <li>• <b>Jaya Caporusso, Senja Pollak and Matthew Purver:</b> Compared to Us, They Are ...: An Exploration of Social Biases in English and Italian Language Models Using Prompting and Sentiment Analysis</li> <li>• <b>Jan Šturm, Maja Škrjanc, Luka Stopar, Domen Volčjak, Dunja Mladenić and Marko Grobelnik:</b> Towards Cognitive Digital Twin of a Country with Emergency, Hydrological, and Meteorological Data</li> <li>• <b>Matic Kladnik, Luka Bradeško and Dunja Mladenić:</b> Predicting Bus Arrival Times Based on Positional Data</li> <li>• <b>Aleksander Piciga, Milka Ljoncheva, Tina Kosjek and Sašo Džeroski:</b> Structure Based Molecular Fingerprint Prediction through Spec2Vec Embedding of GC-EI-MS Spectra</li> </ul>
13:00 – 14:00	Lunch Break / Odmor za kosilo
14:00 – 15:30	<p><b>Session C / Sekcija C</b></p> <p><b>Chair / Vodi: Marko Grobelnik</b></p> <ul style="list-style-type: none"> <li>• <b>Matej Martinc, Senja Pollak and Andreja Vezovnik:</b> A meaty discussion: quantitative analysis of the Slovenian meat-related news corpus</li> <li>• <b>Zoran Fijavž, Marko Robnik-Šikonja:</b> Slovene Word Sense Disambiguation using Transfer Learning</li> <li>• <b>Filip Koprivec, Tjaž Eržen and Urban Mežnar:</b> Predicting the FTSO consensus price</li> <li>• <b>Anže Pirnat and Carolina Fortuna:</b> On Neural Filter Selection for ON/OFF Classification of Home Appliances</li> </ul>