

**DATA MINING AND DATA WAREHOUSES – SIKDD**

**ODKRIVANJE ZNANJA IN PODATKOVNA SKLADIŠČA - SIKDD**

Monday 10th October 2022 / Ponedeljek 10. oktober 2022

Predavalnica: Velika predavalnica / Big Lecture Hall IJS

Link for online attendance / Povezava za spletno udeležbo:

<https://us02web.zoom.us/j/84751726215>

<p><b>9:00 – 11:00</b></p>	<p><b>Opening Dunja Mladenic, Marko Grobelnik</b></p> <p><b>Session A / Sekcija A</b></p> <p><b>Chair / Vodi: Marko Grobelnik</b></p> <ul style="list-style-type: none"> <li>• <b>Nadezhda Komarova, Inna Novalija and Marko Grobelnik:</b> Emotion Recognition in Text using Graph Similarity Criteria</li> <li>• <b>Adrian Mladenić Grobelnik, Erik Novak, Marko Grobelnik, Dunja Mladenić:</b> SLOmet – Slovenian Commonsense Description</li> <li>• <b>Erik Calcina, Erik Novak:</b> Measuring the Similarity of Song Artists using Topic Modelling</li> <li>• <b>Taja Kuzman and Nikola Ljubešić:</b> Exploring the Impact of Lexical and Grammatical Features on Automatic Genre Identification</li> <li>• <b>Abdul Sittar , Jason Webber, Dunja Mladenić:</b> Stylistic features in clustering news reporting: News articles on BREXIT</li> <li>• <b>Sebastian Korenič Tratnik and Erik Novak:</b> Automatically Generating Text from Film Material – A Comparison of Three Models</li> </ul>
<p><b>11:00 – 11:30</b></p>	<p><b>Break / Odmor</b></p>
<p><b>11:30 – 13:00</b></p>	<p><b>Session B / Sekcija B</b></p> <p><b>Chair / Vodi: Dunja Mladenić</b></p> <ul style="list-style-type: none"> <li>• <b>Bojan Evkoski, Igor Mozetic, Petra Kralj Novak and Nikola Ljubesic:</b> The Russian invasion of Ukraine through the lens of ex-Yugoslavian Twitter</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>Daniil Baldouski and Aleksandar Tošić:</b> Visualization of consensus mechanisms in PoS based blockchain protocols</li> <li>• <b>Gregor Kržmanc, Filip Koprivec, Maja Škrjanc:</b> Using Machine Learning for Anti Money Laundering</li> <li>• <b>Bor Breclj, Beno Šircelj, Jože Martin Rožanec, Blaž Fortuna and Dunja Mladenić:</b> Forecasting Sensor Values in Waste-To-Fuel Plants: a Case Study</li> <li>• <b>Jože Martin Rožanec, Dimitrios Papamartzivanos, Entso Veliou, Theodora Anastasiou, Jelle Keizer, Blaž Fortuna and Dunja Mladenić:</b> Machine Beats Machine: Machine Learning Models to Defend Against Adversarial Attacks</li> </ul>
<b>13:00 – 14:00</b>	<b>Lunch Break / Odmor za kosilo</b>
<b>14:00 – 15:30</b>	<p><b>Session C / Sekcija C</b></p> <p><b>Chair / Vodi: Marko Grobelnik</b></p> <ul style="list-style-type: none"> <li>• <b>Alenka Gucek, Joao Pita Costa, M.Besher Massri, João Santos Costa, Maurizio Rossi, Ignacio Casals del Busto and Iulian Mocanu:</b> Addressing climate change preparedness from a smart water perspective</li> <li>• <b>Filip Zevnik, Carolina Fortuna, Din Mušić and Gregor Cerar:</b> SciKit Learn vs Dask vs Apache Spark Benchmarking on the EMINST Dataset</li> <li>• <b>Krisztian Buza:</b> An Efficient Implementation of Hubness-Aware Weighting Using Cython</li> <li>• <b>Katja Meden:</b> Semantic Similarity of Parliamentary Speech using BERT Language Models &amp; fastText Word Embeddings</li> </ul>