

# **Publicații**

## **2023**

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Gergő Galiger, Zalán Bodó. Explainable patch-level histopathology tissue type detection with bag-of-local-features models and data augmentation. Acta Univ. Sapientiae Informatica 15, 1 (2023) 60-80.

Zalán Bodó, Lehel Csató. Code optimization with vectorization in data mining and machine learning. SusTrainable: Promoting Sustainability as a Fundamental Driver in Software Development Training and Education, 2nd Teacher Training, January 23-27, 2023, Juraj Dobrila University of Pula, Croatia, Revised lecture notes, 2023, pp. 2-6.

## **2022**

Attila Mester, Zalán Bodó. Malware classification based on graph convolutional neural networks and static call graph features. IEA/AIE 2022: Advances and Trends in Artificial Intelligence. Theory and Practices in Artificial Intelligence, pp. 528-539, Springer, Cham.

Anna Bajcsi, Barbara Botos, Péter Bajkó, Zalán Bodó. Can you guess the title? Generating emoji sequences for movies. Studia Universitatis Babes-Bolyai Informatica, Vol. LXVII, Number 1, 2022, pp. 5-20.

## **2021**

László Antal, Zalán Bodó. Feature axes orthogonalization in semantic face editing. In proceedings of ICCP 2021 (IEEE 17th International Conference on Intelligent Computer Communication and Processing) October 28-30, 2021, Cluj-Napoca, Romania (online event), pp. 163--169, DOI: 10.1109/ICCP53602.2021.9733549.

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Mihály Gencsi, Zalán Bodó, Annamária Szenkovits. Compilation and Validation of a Large Fake News Dataset in Hungarian. In proceedings of SISY 2021 (IEEE 19th International Symposium on Intelligent Systems and Informatics), September 16-18, 2021, Subotica, Serbia (online event), pp. 125-130.

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## 2019

Anna Kiss, Csaba Sulyok, Zalán Bodó. Region Prediction from Hungarian Folk Music Using Convolutional Neural Networks. Artificial Neural Networks and Machine Learning – ICANN 2019: Text and Time Series, Lecture Notes in Computer Science, vol. 11730, Springer, Cham, 2019, pp. 581-594.

Csaba Sulyok, Christopher Harte, Zalán Bodó. On the Impact of Domain-specific Knowledge in Evolutionary Music Composition. Proceedings of the Genetic and Evolutionary Computation Conference (GECCO), 2019, pp. 188-197.

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## 2018

Zalán Bodó, Eszter Szilágyi. Connecting the Last.fm Dataset to LyricWikia and MusicBrainz. Lyrics-based Experiments in Genre Classification. Acta Universitatis Sapientiae, Informatica, Vol. 10, No. 2, 2018, pp. 158-182.

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Zalán Bodó, Lehel Csató. A Hybrid Approach for Scholarly Information Extraction. Studia Universitatis Babes-Bolyai Informatica, Vol. 62, No. 2, 2017, pp. 5-16.

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Zalán Bodó, Lehel Csató. A note on label propagation for semi-supervised learning. Acta Universitatis Sapientiae, Vol. 7, No. 1, 2015, pp. 18-30.

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