Nume prenume: BODÓ Zalán-Péter
Fișă de verificare a standardelor minimale CNATDCU

Criterii CNATDCU (cf. anexelor la OM 6129/20.12.2016)		
	Standarde minimale	**Punctaj obținut**
Producția științifică	*Conferențiar: 32 (A*+A+B≥16)* *Profesor: 56 (A*+A≥24, A*+A+B≥40)*	*65.28* *(A*+A+B = 46, A*+A = 24)*
Impactul rezultatelor	*Conferențiar: 48 (A*+A+B≥12)* *Profesor: 120 (A*+A+B≥40)*	*680* *(A*+A+B = 572)*
Perfomanța academică	*Conferențiar: 36* *Profesor: 60 (minim un proiect coordonat)*	*75*

Total: 820.28

| **BODÓ Zalán-Péter** | |
| **Producția științifică** | |

Punctaj total: 65.28	
Lucrări categoriile A*+A+B	**46**
Lucrări categoriile A*+A	**24**

Lucrări categoria A*

Autori, Titlul publicatiei, Referinţa Bibliografică	Punctaj
Punctaj total lucrări categoria A*	**0**

Lucrări categoria A

Autori, Titlul publicatiei, Referinţa Bibliografică	Punctaj
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.	8
Zalán Bodó, Lehel Csató. Linear Spectral Hashing. **Neurocomputing**, Volume 141, 2 October 2014, pp. 117-123.	8

Zalán Bodó, Lehel Csató. Improving Kernel Locality-Sensitive Hashing Using Pre-Images and Bounds. In Proceedings of **IJCNN**, 2012, pp. 2710-2717.	8
Punctaj total lucrări categoria A	**24**

Lucrări categoria B	
Autori, Titlul publicatiei, Referinţa Bibliografică	Punctaj
Attila Mester, Zalán Bodó, Vinod P. and Mauro Conti. Towards a malware family classification model using static call graph instruction visualization. In: Song, H.H., Di Pietro, R., Alrabaee, S., Tubishat, M., Al-kfairy, M., Alfandi, O. (eds) Network and System Security. **NSS** 2024. Lecture Notes in Computer Science, vol 15564. Springer, Singapore, 2025, pp. 167-186.	4/2 = 2
Attila Mester, Zalán Bodó. Validating static call graph-based malware signatures using community detection methods. **ESANN**, 2021, pp. 429-434.	4
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.	4
Zalán Bodó, Bipin Indurkhya. Software categorization using low-level distributional features. New Trends in Intelligent Software Methodologies, Tools and Techniques. (Proceedings of the 16th International Conference on Intelligent Software Methodologies, Tools, and Techniques (**SOMET**), September 26--28, Kitakyushu, Japan.) Frontiers in Artificial Intelligence and Applications, vol. 297, IOS Press, 2017, pp. 88-98.	4
Zalán Bodó, Lehel Csató. Augmented hashing for semi-supervised scenarios. In Proceedings of the 22th European Symposium on	4

Artificial Neural Networks, Computational Intelligence and Machine Learning (**ESANN**), 2014, pp. 53-58.	
Zalán Bodó, Lehel Csató. Linear Spectral Hashing. In Proceedings of the 21th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (**ESANN**), 2013, pp. 303-308.	4
Punctaj total lucrări categoria B	**22**

Lucrări categoria C	
Autori, Titlul publicatiei, Referinţa Bibliografică	Punctaj
Ábel Portik, Adél Bajcsi, Annamária Szenkovits, Zalán Bodó. Exploring the Impact of Backbone Architecture on Explainable CNNs' Interpretability. **Acta Univ. Sapientiae**, **Informatica**, vol. 16, no. 1, 2024, pp. 105-123.	2/2=1
Adél Bajcsi, Anna Bajcsi, Szabolcs Pável, Ábel Portik, Csanád Sándor, Annamária Szenkovits, Orsolya Vas, Zalán Bodó, Lehel Csató. Comparative Study of Interpretable Image Classification Models. **Infocommunications Journal**, Special Issue on Applied Informatics, 2023, pp. 20-26.	2/7=0.28
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.	2
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.	2
Zalán Bodó. Fake News Detection Without External Knowledge. In Proceedings of the International Conference on Modelling and Development of Intelligent Systems (MDIS) 2020, Communications in Computer and Information Science series (CCIS), volume 1341,	2

pages 202-221, **Springer** International Publishing, 2021.	
Zalán Bodó. A CiteSeerX-based dataset for record linkage and metadata extraction. Proceedings of the 2018 20th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (**SYNASC** 2018, Timisoara, Romania, 20-23 September 2018), pp. 230-236, IEEE, 2018.	2
Zalán Bodó, Zsolt Minier, Lehel Csató. Active Learning with Clustering. JMLR Workshop and Conference Proceedings: Volume 16, (Active Learning and Experimental Design workshop, May 16, 2010, Sardinia, Italy) 2011, pp. 127-139. 1 pct. **AISTATS** (B cat. Conf. - ERA 2010) **Workshop** paper.	4/2=2
Zalán Bodó, Lehel Csató. Hierarchical and Reweighting Cluster Kernels for Semi-Supervised Learning. **Int. J. of Computers, Communications & Control**, Vol. V (2010), No. 4, pp. 469-476.	2
Zalán Bodó. Hierarchical cluster kernels for supervised and semi-supervised learning. In Proceedings of the IEEE 4nd International Conference on Intelligent Computer Communication and Processing (**ICCP**), 2008, pp. 9-16.	2
Zsolt Minier, Zalán Bodó, Lehel Csató. Wikipedia-based kernels for text categorization. In Proceedings of the 9th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (**SYNASC**'07), Timisoara, Romania, 2007, pp. 157-164.	2
Zsolt Minier, Zalán Bodó, Lehel Csató. Segmentation-based feature selection for text categorization. In Proceedings of the IEEE 2nd International Conference on Intelligent Computer Communication and Processing (**ICCP**), pp. 53-59, September 2006.	2
Punctaj total lucrări categoria C	**19.28**

Nume, Prenume: Bodó Zalán-Péter	
Impactul rezultatelor	
Punctaj total citări	**680**
Punctaj citări din forumuri de tip A*+A+B	**572**

5 afilieri disjuncte:

Rada Mihalcea - University of Michigan
Jason Weston - Meta
David Milne - University of Technology, Sydney
Ian H. Witten - University of Waikato, New Zealand
Lars Schmidt-Thieme - University of Hildesheim, Germany

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Galiger, Gergo, and Z. Bodo. "Explainable patch-level histopathology tissue type detection with bag-of-local-features models and data augmentation." ACTA Univ. Sapientiae Inform 15 (2023): 60-80.	Saarela, Mirka, and Vili Podgorelec. "Recent applications of Explainable AI (XAI): A systematic literature review." Applied Sciences 14.19 (2024): 8884.	B	4

Lucrare citată	Citări	Categoria CNATDCU	Punctaj

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Mester, Attila, and Zalán Bodó. "Malware classification based on graph convolutional neural networks and static call graph features." International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems. Cham: Springer International Publishing, 2022.	Peng, Hao, et al. "Malgne: Enhancing the performance and efficiency of cfg-based malware detector by graph node embedding in low dimension space." IEEE Transactions on Information Forensics and Security (2024).	A	8
	Casey, Beatrice, Joanna CS Santos, and George Perry. "A Survey of Source Code Representations for Machine Learning-Based Cybersecurity Tasks." ACM Computing Surveys (2024).	A*	12
	Mi, Jiaxin, et al. "Graph Learning on Instruction Stream-augmented CFG for Malware Variant Detection." IEEE Transactions on Information Forensics and Security (2025).	A	8
	Kim, Jinha, and Eul Gyu Im. "A Study on Malware Detection based on Opcode and Call Graph." Annual Conference of KIPS. Korea Information Processing Society, 2024.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Bodó, Zalán. "Fake news detection without external knowledge." International Conference on Modelling and Development of Intelligent Systems. Cham: Springer	Karaoğlan, Kürşat Mustafa. "Novel approaches for fake news detection based on attention-based deep multiple-instance learning using contextualized neural language models." Neurocomputing 602 (2024): 128263.	A	8

International Publishing, 2020.			
	Gehle, Luisa, et al. "Misinformation detection in the context of the Russian Invasion of Ukraine: Evidence from original survey data collected in 19 democracies." International Journal of Public Opinion Research 36.3 (2024).	B	4

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
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.	Zhou, Chenliang, Fangcheng Zhong, and Cengiz Öztireli. "CLIP-PAE: Projection-Augmentation Embedding to Extract Relevant Features for a Disentangled, Interpretable and Controllable Text-Guided Face Manipulation." *ACM SIGGRAPH 2023 Conference Proceedings*. 2023.	A*	12
	Molnár, Szilárd, and Levente Tamás. "Variational autoencoders for 3D data processing." Artificial Intelligence Review 57.2 (2024): 42.	A*	12

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Attila Mester, Zalán Bodó. Validating static call graph-based malware signatures using community detection methods. In proceedings	Amira, Abdelouahab, et al. "A survey of malware analysis using community detection algorithms." *ACM Computing Surveys* (2023).	A*	12

of ESANN 2021 (29th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning), 6-8 October 2021, Bruges, Belgium (online event), pp. 429-434.	

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
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.	López-Montes, José, Miguel Molina-Solana, and Waldo Fajardo. "GenoMus: Representing Procedural Musical Structures with an Encoded Functional Grammar Optimized for Metaprogramming and Machine Learning." *Applied Sciences* 12.16 (2022): 8322.	C	2
	Wen, Yu-Wei, and Chuan-Kang Ting. "Recent Advances of Computational Intelligence Techniques for Composing Music." IEEE Transactions on Emerging Topics in Computational Intelligence (2022).	B	4
	Mycka, Jan, and Jacek Mańdziuk. "Artificial intelligence in music: recent trends and challenges." Neural Computing and Applications (2024): 1-39.	A	8
	Jamieson, Peter, et al. "Using data-mining techniques to improve combinatorial optimization algorithms." Journal of Algorithms & Computational Technology 16 (2022): 17483026221130680.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
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.	Castillo, Jaime Ramírez, M. Julia Flores, and Philippe Leray. "Predicting spotify audio features from Last. fm tags." Multimedia Tools and Applications 83.16 (2024): 48311-48330.	A	8
	Kopel, Marek, and Damian Kreisich. "Music Industry Trend Forecasting Based on MusicBrainz Metadata." Asian Conference on Intelligent Information and Database Systems. Cham: Springer Nature Switzerland, 2022.	B	4
	Green, Owen, et al. "A Critical Survey of Research in Music Genre Recognition." International Society for Music Information Retrieval (2024).	D	1
	Rafferty, Pauline. "Genre as knowledge organization." KO KNOWLEDGE ORGANIZATION 49.2 (2022): 121-138.	D	1
	Wang, Huan. "AI-Based Music Recommendation Algorithm under Heterogeneous Network Platform." Mobile Information Systems 2022.1 (2022): 7267012.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj

Bodó, Zalán. "A citeseerx-based dataset for record linkage and metadata extraction." 2018 20th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC). IEEE, 2018.	Amin, M. Miftakul, Adi Sutrisman, and Yevi Dwitayanti. "Master Data Management using Record Linkage Toolkit for Integrating Lecturer Master Data." *E3S Web of Conferences*. Vol. 448. EDP Sciences, 2023.	D	1
	Costa, Pedro HM, André FR Cordeiro, and Edson OliveiraJr. "Comparing open data repositories." Escola Regional de Engenharia de Software (ERES). SBC, 2021.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Bipin Indurkhya. Software categorization using low-level distributional features. New Trends in Intelligent Software Methodologies, Tools and Techniques. (Proceedings of the 16th International Conference on Intelligent Software Methodologies, Tools, and Techniques, September 26--28, Kitakyushu, Japan.) Frontiers in Artificial Intelligence and Applications, vol. 297, IOS Press, 2017, pp. 88-98.	Auch, Maximilian, et al. "Similarity-based analyses on software applications: A systematic literature review." *Journal of Systems and Software* 168 (2020): 110669.	B	4

Lucrare citată	Citări	Categoria	Punctaj

	CNATDCU	
Zalán Bodó, Lehel Csató. A Hybrid Approach for Scholarly Information Extraction. Studia Universitatis Babes-Bolyai Informatica, Vol. 62, No. 2, 2017, pp. 5-16.	Zaman, Gohar, et al. "An ontological framework for information extraction from diverse scientific sources." *IEEE Access* 9 (2021): 42111-42124.	B	4
	Zaman, Gohar, et al. "Information extraction from semi and unstructured data sources: A systematic literature review." ICIC Express Letters 14.6 (2020): 593-603.	C	2
	Iwashokun, Opeoluwa, and Abejide Ade-Ibijola. "Parsing of Research Documents into XML Using Formal Grammars." Applied Computational Intelligence and Soft Computing 2024.1 (2024): 6671359.	D	1
	Pittman, Jason M., Helen G. Barker, and Shaho Alaee. "Structure or Anarchy: A Bibliometric Analysis of Keywords in Cybersecurity Education Literature." Journal of The Colloquium for Information Systems Security Education. Vol. 10. No. 1. 2023.	D	1
	Zaman, Gohar. An ontological framework for information extraction using fuzzy rule-based system and word sense disambiguation. Diss. Universiti Tun Hussein Onn Malaysia, 2021.	D	1
	Moreira, Igor, and Mônica Cunha. "Avaliação de ferramentas de extração automática de metadados na catalogação de artigos científicos do CONNEPI." Escola Regional de Computação Bahia, Alagoas e Sergipe (ERBASE). SBC, 2019.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Bodo, Zalan, and Lehel Csató. "A note on label propagation for semi-supervised learning." Acta Universitatis Sapientiae, Informatica 7.1 (2015): 18-30.	Al-Atroush, M. E., A. E. Aboelela, and Ezz El-Din Hemdan. "Beyond py method: A review of artificial intelligence approaches for predicting lateral capacity of drilled shafts in clayey soils." Journal of Rock Mechanics and Geotechnical Engineering (2024).	A*	12
	Macabiau, Clara, et al. "Label Propagation Techniques for Artifact Detection in Imbalanced Classes using Photoplethysmogram Signals." IEEE Access 12 (2024): 81221-81235.	B	4
	Georgoulas, Ioannis, et al. "Tensor-based embedding for graph-based semi-supervised approaches." Proceedings of the 16th International Conference on PErvasive Technologies Related to Assistive Environments. 2023.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Lehel Csató. Linear Spectral Hashing. Neurocomputing, Volume 141, 2 October 2014, pp. 117-123. &	Di Wang, Xinbo Gao, Xiumei Wang. Semi-supervised constraints preserving hashing. Neurocomputing, Volume 167, 1 November 2015, Pages 230–242.	A	8
	Tao Yao, Xiangwei Kong, Haiyan Fu, Qi Tian. Semantic consistency hashing for cross-modal retrieval. Neurocomputing, Available online 20 February 2016	B	4

Zalán Bodó, Lehel Csató. Linear Spectral Hashing. In Proceedings of the 21th European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning, 2013, pp. 303-308.	Ribeiro, Bernardete, and Ning Chen. "Financial credit risk assessment via learning-based hashing." Intelligent Decision Technologies 11.2 (2017): 177-186.	C	2
	Hongjian Zha, Shixiong Xia, Rui Yao, Qiang Niu and, Yong Zhou. Real-time video fusion based on multistage hashing and hybrid transformation with depth adjustment, *J. Electron. Imaging*. 24(6), 063023 (Dec 30, 2015). http://dx.doi.org/10.1117/1.JEI.24.6.063023	C	2
	Bernardete Ribeiro, Ning Chen. Hashing for Financial Credit Risk Analysis. Neural Information Processing, Volume 8835 of the series Lecture Notes in Computer Science, pp. 395-403 (21st International Conference, ICONIP 2014, Kuching, Malaysia, November 3-6, 2014. Proceedings, Part II).	A	8
	Karbil, Loubna, Imane Daoudi, and Hicham Medromi. A Comparative Experimental Study of Spectral Hashing. Advances in Ubiquitous Networking 2. Springer Singapore, 2017. 445-456.	C	2
	Yao, Tao, et al. "Supervised Coarse-to-Fine Semantic Hashing for cross-media retrieval."*Digital Signal Processing* 63 (2017): 135-144.	B	4
	Chi, Lianhua, and Xingquan Zhu. "Hashing Techniques: A Survey and Taxonomy." *ACM Computing Surveys (CSUR)* 50.1 (2017): 11.	A*	12
	Ding, Guiguang, et al. "Large-scale image retrieval with Sparse Embedded Hashing." Neurocomputing (2017).	A	8

	Fei Lun-ke, Qin Jian-yang, Teng Shao-hua, Zhang Wei, Liu Dong-ning, Hou Yan. Hashing for Approximate Nearest Neighbor Search on Big Data: A Survey[J]. JOURNAL OF GUANGDONG UNIVERSITY OF TECHNOLOGY, 2020, 37(3): 23-35.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Zsolt Minier, Lehel Csató. Active Learning with Clustering. Active Learning Challenge: Challenges in Machine Learning, Volume 6, Microtome Publishing, 2012, pp. 141-154. & Zalán Bodó, Zsolt Minier, Lehel Csató. Active Learning with Clustering. JMLR Workshop and Conference Proceedings: Volume 16, (Active Learning and Experimental Design workshop, May 16, 2010, Sardinia, Italy) 2011, pp. 127-139.	Biscontini, A., E. Popovici, and A. Temko. "Machine learning for FPGA electronic design automation." *IEEE Access* (2024).	B	4
	Zhong, Lanfeng, et al. "UniSAL: Unified Semi-supervised Active Learning for histopathological image classification." Medical Image Analysis (2025): 103542.	A*	12
	Zhou, Nina, et al. "CXR data annotation and classification with pre-trained	B	4

	language models." Proceedings of the 29th International Conference on Computational Linguistics. 2022.		
	Zhang, Jiaxin, et al. "Test-Time Training on Graphs with Large Language Models (LLMs)." Proceedings of the 32nd ACM International Conference on Multimedia. 2024.	A*	12
	Gonsior, Julius, Maik Thiele, and Wolfgang Lehner. "Weakal: Combining active learning and weak supervision." Discovery Science: 23rd International Conference, DS 2020, Thessaloniki, Greece, October 19–21, 2020, Proceedings 23. Springer International Publishing, 2020.	B	4
	Zhang, Lei, Guanyu Gao, and Huaizheng Zhang. "Towards data-efficient continuous learning for edge video analytics via smart caching." Proceedings of the 20th ACM Conference on Embedded Networked Sensor Systems. 2022.	A*	12
	de Mathelin, Antoine, et al. "Discrepancy-Based Active Learning for Domain Adaptation." International Conference on Learning Representations. 2022.	A*	12
	Chowdhury, Animesh Basak, et al. "Bulls-Eye: Active few-shot learning guided logic synthesis." IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems 42.8 (2022): 2580-2590.	B	4
	Michelle Yuan, Hsuan-Tien Lin, and Jordan Boyd-Graber. 2020. Cold-start Active Learning through Self-supervised Language Modeling. In Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP), pages 7935–7948, Online. Association for Computational Linguistics.	A*	12

	Elenter, Juan, Navid NaderiAlizadeh, and Alejandro Ribeiro. "A lagrangian duality approach to active learning." Advances in Neural Information Processing Systems 35 (2022): 37575-37589.	A*	12
	Yuvaraj, Senthil Ganesan, et al. "Intent Identification Using Few-Shot and Active Learning with User Feedback." *International Conference on Web Information Systems Engineering*. Singapore: Springer Nature Singapore, 2024.	B	4
	Mao, Ruiyu, et al. "STONE: A Submodular Optimization Framework for Active 3D Object Detection." Advances in Neural Information Processing Systems 37 (2024): 48292-48308.	A*	12
	Pandey, Rahul, Ziwei Zhu, and Hemant Purohit. "ORIS: Online Active Learning Using Reinforcement Learning-based Inclusive Sampling for Robust Streaming Analytics System." 2024 IEEE International Conference on Big Data (BigData). IEEE, 2024.	B	4
	Jun Shi, Shulan Ruan, Ziqi Zhu, Minfan Zhao, Hong An, Xudong Xue, and Bing Yan. 2024. Predictive accuracy-based active learning for medical image segmentation. In Proceedings of the Thirty-Third International Joint Conference on Artificial Intelligence (IJCAI '24). Article 540, 4885–4893. https://doi.org/10.24963/ijcai.2024/540	A*	12
	Maheshwary, Saket, and Saurabh Sohoney. "Learning geolocation by accurately matching customer addresses via graph based active learning. WWW 2023.	A*	12
	Himaja, D., et al. "Cluster based active learning for classification of evolving	C	2

	streams." Evolutionary Intelligence (2023): 1-25.		
	Hassan, Sabit, and Malihe Alikhani. "D-CALM: A Dynamic Clustering-based Active Learning Approach for Mitigating Bias." arXiv preprint arXiv:2305.17013 (2023). (Findings of the ACL)	A*	12
	Margatina, Katerina, and Nikolaos Aletras. "On the Limitations of Simulating Active Learning." *arXiv preprint arXiv:2305.13342* (2023). (Published in Findings of the Association for Computational Linguistics: ACL 2023)	A*	12
	Wanyan, Yuyang, et al. "Active Exploration of Multimodal Complementarity for Few-Shot Action Recognition." *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*. 2023.	A*	12
	Rana, Aayush J., and Yogesh S. Rawat. "Hybrid Active Learning via Deep Clustering for Video Action Detection." *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*. 2023.	A*	12
	Treviso, Marcos, et al. "Efficient methods for natural language processing: A survey." *Transactions of the Association for Computational Linguistics* 11 (2023): 826-860.	C	2
	Kwak, Beong-woo, et al. "TrustAL: Trustworthy Active Learning using Knowledge Distillation." arXiv preprint arXiv:2201.11661 (2022). AAAI 2022.	A*	12

	Katerina Margatina, Loic Barrault, and Nikolaos Aletras. 2022. On the Importance of Effectively Adapting Pretrained Language Models for Active Learning. In Proceedings of the 60th Annual Meeting of the Association for Computational Linguistics (Volume 2: Short Papers), pages 825–836, Dublin, Ireland. Association for Computational Linguistics.	A*	12
	Xinyu Hua and Lu Wang. 2022. Efficient Argument Structure Extraction with Transfer Learning and Active Learning. In Findings of the Association for Computational Linguistics: ACL 2022, pages 423–437, Dublin, Ireland. Association for Computational Linguistics.	A*	12
	Vaaras, Einari, Manu Airaksinen, and Okko Räsänen. "Analysis of Self-Supervised Learning and Dimensionality Reduction Methods in Clustering-Based Active Learning for Speech Emotion Recognition." arXiv preprint arXiv:2206.10188 (2022). Interspeech 2022.	A	8
	Zhang, Shujian, et al. "ALLSH: Active Learning Guided by Local Sensitivity and Hardness." arXiv preprint arXiv:2205.04980 (2022). NAACL 2022.	A	8
	Katerina Margatina, Giorgos Vernikos, Loïc Barrault, and Nikolaos Aletras. 2021. Active Learning by Acquiring Contrastive Examples. In Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing, pages 650–663, Online and Punta Cana, Dominican Republic. Association for Computational Linguistics.	A	8
	Prabhu, Sumanth, Moosa Mohamed, and Hemant Misra. "Multi-class text classification using BERT-based active learning." arXiv preprint arXiv:2104.14289 (2021). DaSH@KDD'21	A* workshop	8

	Sreenivasaiah, Deepthi, Johannes Otterbach, and Thomas Wollmann. "MEAL: Manifold Embedding-based Active Learning." 2021 IEEE/CVF International Conference on Computer Vision Workshops (ICCVW). IEEE Computer Society, 2021. ICCV workshop	A* workshop	8
	A comprehensive study of class incremental learning algorithms for visual tasks E Belouadah, A Popescu, I Kanellos - Neural Networks, 2020 - Elsevier	A	8
	Nuclear discrepancy for single-shot batch active learning TJ Viering, JH Krijthe, M Loog - Machine Learning, 2019 - Springer	A	8
	Batch Active Learning With Two-Stage Sampling. R Luo, X Wang - IEEE Access, 2020	A	8
	Batch mode active learning for node classification in assortative and disassortative networks S Ping, D Liu, B Yang, Y Zhu, H Chen, Z Wang - IEEE Access, 2017	A	8
	Fabian L. Wauthier, Nebojsa Jojic, Michael I. Jordan. Active Spectral Clustering via Iterative Uncertainty Reduction. SIGKDD'12, 2012, pp. 1339-1347.	A	8
	Ngomo, Axel-Cyrille Ngonga, Klaus Lyko, and Victor Christen. COALA– Correlation-Aware Active Learning of Link Specifications. The Semantic Web: Semantics and Big Data. Springer Berlin Heidelberg, 2013. 442-456.	C	2

	Shayok Chakraborty, Vineeth Balasubramanian, Sethuraman Panchanathan. Batch Mode Active Learning for Multimedia Pattern Recognition. IEEE International Symposium on Multimedia (ISM), 2012, pp. 489-490.	C	2
	Fu, Chunjiang, Yang, Yupu. Low density separation as a stopping criterion for active learning SVM. Intelligent Data Analysis, vol. 19, no. 4, pp. 727-741, 2015	C	2
	Fu, Chun-Jiang, Yang, Yu-Pu. A batch-mode active learning SVM method based on semi-supervised clustering. Journal: Intelligent Data Analysis, vol. 19, no. 2, pp. 345-358, 2015.	C	2
	Vu, Viet-Vu, and Nicolas Labroche. "Active seed selection for constrained clustering." Intelligent Data Analysis 21.3 (2017): 537-552.	C	2
	Wu, Yuexin, et al. "Active learning for graph neural networks via node feature propagation." arXiv preprint arXiv:1910.07567 (2019).	D	1
	Azmoodeh, Amin, et al. "Active spectral botnet detection based on eigenvalue weighting." Handbook of Big Data Privacy (2020): 385-397.	C	2
	Pandey, Rahul. Jointly Improving Performance of Human Annotators and Models in Human-In-The-Loop Machine Learning Systems. Diss. George Mason University, 2023.	D	1
	Fatehi, Kavan, et al. "Improving semi-supervised constrained k-means clustering method using user feedback." Journal of Computing and Security 1.4 (2014):	D	1

	273-261.		
	Gong, Liang, Wenbo Guo, and Yupu Yang. "Active learning support vector machines with low-rank transformation." Intelligent Data Analysis 22.4 (2018): 701-715.	D	1
	Margatina, Katerina. Exploring Active Learning Algorithms for Data Efficient Language Models. Diss. University of Sheffield, 2024.	D	1
	Frickenstein, Lukas, et al. "Back to the Future: Models as Active Learning Surrogates for Next Generation ML Deployments." Intelligent Systems Conference. Cham: Springer Nature Switzerland, 2024.	C	2
	Chowdhury, Animesh Basak. Data-Driven EDA: Harnessing the Power of Machine Learning for Chip Design. Diss. New York University Tandon School of Engineering, 2024.	D	1
	Ngufor, Che G. Optimal integration of machine learning models: a large-scale distributed learning framework with application to systematic prediction of adverse drug reactions. Diss. George Mason University, 2014.	D	1
	Puha, Zoltán. "Active learning for treatment effects." PhD thesis (2024).	D	1
	Luo, Zhipeng, and Milos Hauskrecht. "Group-Based Active Learning of Classification Models." FLAIRS. 2017.	D	1

	El Amouri, Hussein. Learning explainable constrained representation for time. Diss. Université de Strasbourg, 2023.	D	1
	Yuan, Michelle. Transfer Learning in Natural Language Processing through Interactive Feedback. Diss. University of Maryland, College Park, 2022.	D	1
	Zhang, Shujian. Probabilistic language models with model efficiency and data efficiency. Diss. 2023.	D	1
	Wauthier, Fabian Lutz-Frank. Learning from Subsampled Data: Active and Randomized Strategies. Diss. UC Berkeley, 2013.	D	1
	Lee, Ji-Ung. "Constrained Generation and Adaptive Selection of C-Tests." PhD thesis (2024).	D	1
	Fu, Juihsi, Singling Lee, and Wangping Wu. "Efficient active learning based on uncertain clusters." 2012 Conference on Technologies and Applications of Artificial Intelligence. IEEE, 2012.	D	1
	Markowitz, Theodore J. An empirical evaluation of active learning and selective sampling variations supporting large corpus labeling. PhD, Pace University, 2011.	D	1
	Stewart, M. Sc Avaré Bonaparte. "AUTOMATIC TEXT FILTERING USING LIMITED SUPERVISION." PhD thesis, Gottfried Wilhelm Leibniz Universit ̈at Hannover, 2014.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
	Hossain, HM Sajjad. Active Activity Recognition with Context-aware Annotator Selection. University of Maryland, Baltimore County, PhD thesis, 2019.	D	1
	Fu, Chunjiang, and Yupu Yang. "Active learning favoring points near the border between clusters." 2015 International Symposium on Computers & Informatics. Atlantis Press, 2015.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Lehel Csató. Hierarchical and Reweighting Cluster Kernels for Semi-Supervised Learning. Int. J. of Computers, Communications & Control, Vol. V (2010), No. 4, pp. 469-476.	Ma, Jun, et al. "Safe semi-supervised learning for pattern classification." Engineering Applications of Artificial Intelligence 121 (2023): 106021.	A	8
	Madeleine Seeland, Andreas Karwath, Stefan Kramer. A structural cluster kernel for learning on graphs. KDD '12 Proceedings of the 18th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, pp. 516–524.	A	8
	Xinmin, T. A. O., P. Cao, and S. O. N. G. Shaoyu. "The SVM classification algorithm based on semi-supervised gauss mixture model kernel." Information and Control 42.1 (2013): 18-26.	D	1
	Seeland, Madeleine. Structural Graph Clustering: Scalable Methods and Applications for Graph Classification and Regression. Diss. Technische	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
	Universität München, 2014.		

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó. Hierarchical cluster kernels for supervised and semi-supervised learning. In Proceedings of the IEEE 4nd International Conference on Intelligent Computer Communication and Processing, 2008, pp. 9-16.	Madeleine Seeland, Andreas Karwath, Stefan Kramer. A structural cluster kernel for learning on graphs. KDD '12 Proceedings of the 18th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining, pp. 516–524.	A	8

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Zsolt Minier. On supervised and semi-supervised k-nearest neighbor algorithms. In Proceedings of the 7th Joint Conference on Mathematics and Computer Science, Cluj-Napoca, 2008. (Studia Universitatis Babes-Bolyai, Series Informatica, Volume	Zhang, Jun, et al. "Enhanced semi-supervised ensemble machine learning approach for earthwork construction simulation activity sequence automatically updating driven by weather data." *Geological Journal* 58.6 (2023): 2231-2253.	C	2
	Ajita Satheesh, Ravindra Patel. Dynamic Nearest Neighbours Classifier For Integrated Data Using Object Oriented Concept Generalization. IJSSST, Vol. 11, No. 1, 2010, pp. 35–40.	C	2

LIII, Number 2)			
	Zhang, Jun, et al. "Enhanced semi-supervised ensemble machine learning approach for earthwork construction simulation activity sequence automatically updating driven by weather data." Geological Journal 58.6 (2023): 2231-2253.	C	2
	Dhawan, Priya, Gopika Bhardwaj, and Rishabh Kaushal. "Analysis and Classification of Multi-opinionated Content in the Era of Cyber Activism." Digital Transformation and Global Society: Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21–23, 2017, Revised Selected Papers 2. Springer International Publishing, 2017.	C	2
	Gopinath, B., and B. R. Gupt. "Majority voting based classification of thyroid carcinoma." Procedia Computer Science 2 (2010): 265-271.	D	1
	Protopapadakis, Eftychios, et al. "Sample selection algorithms for credit risk modelling through data mining techniques." International Journal of Data Mining, Modelling and Management 11.2 (2019): 103-128.	D	1
	Liu, Zhiliang, et al. "A Semi-Supervised Approach Based on k-Nearest Neighbor." J. Softw. 8.4 (2013): 768-775.	D	1
	Gopinath, B., and B. R. Gupta. "Classification of thyroid carcinoma in FNAB cytological microscopic images." Advancing Technologies and Intelligence in Healthcare and Clinical Environments Breakthroughs. IGI Global, 2012. 216-226.	D	1

	Ergün, Güneş Okuyucu. "Machina sapiens." Ankara Üniversitesi Hukuk Fakültesi Dergisi 72.2 (2023): 717-758.	D	1
	Cheriguene, Rabia Sarah, and Habib Mahi. "Buildings change detection on quickbird imagery." 2016 13th International Conference on Computer Graphics, Imaging and Visualization (CGiV). IEEE, 2016.	D	1
	Al-Dossari, Hmood Zafer. Quality of service assessment over multiple attributes. Cardiff University (United Kingdom), 2011.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán Bodó, Zsolt Minier, Lehel Csató. Text categorization experiments using Wikipedia. In Proceedings of the 1st 'Knowledge Engineering: Principles and Techniques' Conference, pp. 66-72, Cluj-Napoca, Romania, 2007. (Studia Universitatis Babes-Bolyai, Series Informatica, Volume LII, Special Issue KEPT-2007)	COURSEY, Kino; MIHALCEA, Rada; MOEN, William. Using encyclopedic knowledge for automatic topic identification. In: Proceedings of the Thirteenth Conference on Computational Natural Language Learning. Association for Computational Linguistics, 2009. p. 210-218.	A	8

	Citări	Categoria CNATDCU	Punctaj
	Coursey, Kino High. The value of everything: Ranking and association with encyclopedic knowledge. University of North Texas ProQuest Dissertations & Theses, 2009. 3399407.	D	1
	Waltinger, Ulli and Alexander Mehler. "Social Semantics and Its Evaluation by Means of Semantic Relatedness and Open Topic Models." 2009 IEEE/WIC/ACM International Joint Conference on Web Intelligence and Intelligent Agent Technology 1 (2009): 42-49.	B	4
	MUNOZ-GARCIA, O. "Identifying topics in social media posts using dbpedia." Proc. NEM Summit 2011 (2011): 81-86.	D	1
	Hosny, Mahmoud M., Samhaa R. El-Beltagy, and Mahmoud E. Allam. "Unsupervised Data Driven Taxonomy Learning." 2015 First International Conference on Arabic Computational Linguistics (ACLing). IEEE, 2015.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zsolt Minier, Zalán Bodó, Lehel Csató. Wikipedia-based kernels for text categorization. In Proceedings of the 9th International Symposium on Symbolic and Numeric	Anna Huang, David Milne, Eibe Frank, and Ian H. Witten. Clustering documents with active learning using Wikipedia. In *Proc. of the 8th IEEE International Conference on Data Mining*, Pisa, Italy, pages 839-844. IEEE Computer Society, 2008.	A*	12

Algorithms for Scientific Computing (SYNASC'07), Timisoara, Romania, 2007, pp. 157-164.	Anna Huang, David Milne, Eibe Frank, and Ian H. Witten. Clustering Documents using a Wikipedia-based Concept Representation, *Proc. of the Pacific-Asia Conference on Knowledge Discovery and Data Mining*, Bangkok, Thailand, April 2009.	A	8
	Musaev, Aibek. "Landslide information service based on composition of physical and social information services." PhD thesis, Georgia Institute of Technology (2016).	D	1
	Zeno Gantner, Lars Schmidt-Thieme. Automatic Content-based Categorization of Wikipedia Articles, Proceedings of the 2009 Workshop on the People's Web Meets NLP, ACL-IJCNLP 2009, pages 32–37, Suntec, Singapore, 7 August 2009.	A workshop	4
	Olena Medelyan, David Milne, Catherine Legg, Ian H. Witten. Mining meaning from Wikipedia. International Journal of Human-Computer Studies, Volume 67, Issue 9 (September 2009), Pages 716-754, 2009.	A	8
	Tamara Polajnar, Mark Girolami. Semi-supervised Prediction of Protein Interaction Sentences Exploiting Semantically Encoded Metrics. Pattern Recognition in Bioinformatics, Springer Berlin / Heidelberg, pages 270-281, 2009.	C	2
	Tamara Polajnar, Mark Girolami. Application of Lexical Topic Models to Protein Interaction Sentence Prediction, In NIPS 2009 Workshop on Applications for Topic Models: Text and Beyond, 2009.	A* workshop	8
	Bing Bai, Jason Weston, David Grangier, Ronan Collobert, Kunihiko Sadamasa,	B	4

Yanjun Qi, Olivier Chapelle, Kilian Weinberger. Learning to Rank with (a Lot of) Word Features. Information Retrieval, Springer Netherlands, 2009.		
Catarina Silva, Bernadete Ribeiro. Inductive Inference for Large Scale Text Classification. Kernel Approaches and Techniques. Series: Studies in Computational Intelligence, Vol. 255. Springer Berlin / Heidelberg, 2010.	C	2
B. Bai, J. Weston, D. Grangier, R. Collobert, O. Chapelle, K. Weinberger. Supervised Semantic Indexing. The 18th ACM Conference on Information and Knowledge Management (CIKM), 2009.	A	8
Milad Alemzadeh, Fakhri Karray. An Efficient Method for Tagging a Query with Category Labels using Wikipedia towards Enhancing Search Engine Results. Proceedings of IEEE/WIC/ACM International Conference on Web Intelligence and Intelligent Agent Technology, 2010, pp. 192–195.	C	2
Michael Hart, Pratyusa Manadhata, Rob Johnson. Text Classification for Data Loss Prevention. Lecture Notes in Computer Science, 2011, Volume 6794/2011, pp. 18–37.	C	2
Sami Virpioja, Mari-Sanna Paukkeri, Abhishek Tripathi, Tiina Lindh-Knuutila, and Krista Lagus. Evaluating vector space models with canonical correlation analysis. Natural Language Engineering, Cambridge University Press, Vol. 18, Issue 03, 2012, pp. 399–436.	A	8
Tamara Polajnar, Nitish Aggarwal, Kartik Asooja, Paul Buitelaar. Improving ESA with Document Similarity. Lecture Notes in Computer Science Volume 7814,	C	2

	2013, pp. 582-593.		
	Christoph Schaefer, Daniel Hienert, Thomas Gottron. Normalized Relevance Distance – A Stable Metric for Computing Semantic Relatedness over Reference Corpora. pp. 789-794, DOI 10.3233/978-1-61499-419-0-789, Series Frontiers in Artificial Intelligence and Applications, Volume 263: ECAI 2014.	A	8
	Aibek Musaev, De Wang, Saajan Shridhar, Calton Pu. Fast Text Classification Using Randomized Explicit Semantic Analysis. Information Reuse and Integration (IRI), 2015 IEEE International Conference on.	C	2
	Hart, Michael Andrew. Content-based access control. Diss. State University of New York at Stony Brook, 2011.	D	1
	Milne, David N. Applying wikipedia to interactive information retrieval. Diss. University of Waikato, 2010.	D	1
	Kim, Yong-Hwan, and Young-sMee Chung. "An experimental study on feature selection using wikipedia for text categorization." Journal of the Korean Society for information Management 29.2 (2012): 155-171.	D	1
	AlemZadeh, Milad. "Semantic analysis of wikipedia's linked data graph for entity detection and topic identification applications." PhD thesis (2013).	D	1
	Bleik, Said. "Concept graphs: Applications to biomedical text categorization and concept extraction." PhD thesis (2013).	D	1

	Polajnar, Tamara. Semantic models as metrics for kernel-based interaction identification. Diss. University of Glasgow, PhD thesis, 2010.	D	1

Lucrare citată	Citări	Categoria CNATDCU	Punctaj
Zalán-Péter Bodó. Maximal processor utilization in parallel quadtree-based fractal image compression on MIMD architectures, Studia Univ. Babes-Bolyai, Informatica, Volume XLIX, Number 2, 2004.	Asati, Ranjita, M. M. Raghuwanshi, and Kavita R. Singh. "Fractal Image Coding-Based Image Compression Using Multithreaded Parallelization." Information and Communication Technology for Competitive Strategies (ICTCS 2021). Springer, Singapore, 2023. 559-569.	C	2
	Nileshsingh V. Thakur, O. G. Kakde. Color Image Compression with Modified Fractal Coding on Spiral Architecture, Journal of Multimedia, Vol. 2, No. 4, August 2007.	C	2
	Meiqing Wang, Choi-Hong Lai. Grey video compression methods using fractals. International Journal of Computer Mathematics. Volume 84, Issue 11, 2007.	C	2
	Liu, Dan, and Peter K. Jimack. "A survey of parallel algorithms for fractal image compression." Journal of Algorithms & Computational Technology 1.2 (2007): 171-186.	D	1
	Koli, Nitin A., and Mir Sadique Ali. "Color Image Data Compression in Multimedia." 2006 International Conference on Electrical and Computer Engineering. IEEE, 2006.	D	1

	Liu, Dan. "A Fast Digital Image Transmission Approach in the Distributed Maritime Training System." Journal of Algorithms & Computational Technology 4.3 (2010): 275-290.	D	1

Nume Prenume: Bodó Zalán-Péter
Performanța academică

Punctaj total	75

Performața academică

	Categorie	Punctaj
Cărți și capitole de cărți: 4		
Bodó Zalán. Fordítóprogramok szerkesztése Flex és Bison segítségével. Societatea Muzeului Ardelean (Erdélyi Múzeum Egyesület), Cluj-Napoca, 2014. (carte, 100 pagini, editură nelistată)	D	2
Csató Lehel, Bodó Zalán. Neurális hálók és a gépi tanulás módszerei. Presa Universitară Clujeană, Cluj-Napoca, 2008. (carte, 179 pagini, editură nelistată)	D	2
Editor Proceedings		
Publicare curs universitar: 2		
Curs universitar *Formális nyelvek és fordítóprogramok* (Limbaje formale și tehnici de compilare - în lb.		2

maghiară), care conține: un curs scris (100 de pagini), slide-uri pentru curs (> 200 de pagini), probleme de laborator (15 pagini), exerciții pentru seminar (13 pagini):
https://www.cs.ubbcluj.ro/~zbodo/?a=courses/fnyf/fnyf

Director/Editor revista: 6		
Editor revista Acta Universitatis Sapientiae Informatica (WoS indexed, Q4 quartile; https://acta.sapientia.ro/en/series/informatica/editorial-board-acta-info)	C	6
Director/Coordonator/Responsabil grant: 22		
Director proiect de cercetare finanțat de MTA (Academia Maghiară de Știinţe) Domus, Interpretálható konvolúciós neurális hálók használata a képosztályozási és szemantikus szegmentálási feladatokban (Using interpretable convolutional neural networks in image classification and semantic segmentation problems), grant ID 50/9/2024/HTMT	1320000 Ft = 3300 EUR	2
Director proiect de cercetare finanțat de MTA (Academia Maghiară de Știinţe) Domus, Magyar könnyűzenei dalszövegek elemzése statisztikai természetesnyelv-feldolgozási módszerekkel (Analyzing Hungarian popular music lyrics using statistical natural language processing methods), grant ID 91/22/2023/HTMT	400000 Ft = 1071 EUR	2
Director proiect de cercetare finanțat de MTA (Academia Maghiară de Știinţe) Domus, Adatbányászati módszerek a víruselemzésben (Data mining methods in malware analysis), grant ID 86/18/2022/HTMT	750000 forinti = 2000 EUR	2
Membru proiect PCCA "Metode de îmbunătăţire a evaluării cercetării prin analiza reţelelor ştiinţifice", 2012-2016, cod: PN-II-PT-PCCA- 2011-3.2-0895	2999500 lei = 674000 EUR	5
Membru proiect CNCSIS-TE "Metode neparametrice în instruirea automată a maşinilor: aplicaţii în robotică şi	749400 lei = 168400	3

analiza datelor", 2011-2014, cod: PN-II-RU-TE-2011-3-0278	EUR	
Membru proiect CNMP "Metode de control al roboților autonomi folosind rețele neuronale cu pulsuri", 2007-2011, cod: NEUROBOT 11039/10.04.2007	172000 lei = 38650 EUR	1
Coordonator proiect Tineri Doctoranzi "Mașini de învățare în categorizarea documentelor", 2007-2008, cod: TD-35	25140 lei = 5650 EUR	2
Membru proiect de cercetare MOLINGV NKFP-2/0024/2005 (finanțat de Agenția Națională de Cercetare și Dezvoltare din Ungaria, prin Programul Național de Cercetare și Dezvoltare; institute participante: MTA SZTAKI (MLHCI group and Data Mining and Web Search Group), ELTE (Department of Computer Science, Physics of Complex Systems, BME (Math. Institute Department of Stochastic Analysis), Research Institute for Linguistics (HAS), MTA SZFKI, Omega Consulting, Pont Rendszerház), *Language Miner*, Omega Consulting Ltd., Ungaria (https://sztaki.hun-ren.hu/en/projects/nyelvbanyasz) (2005-2006, 5 luni)	aprox. 100 000 000 Ft * 0.004 = = 400000 EUR	4
Membru proiect de cercetare Fraktálfüggvények és alkalmazásaik (Funcții fractale și aplicațiile lor), Universitatea Sapientia, Cluj, coordonator proiect: dr. Anna Soós. (2003-2004)	< 50000 EUR	1
Membru în Comitet științific: 11		
Program committee member of Workshop on AI for Cyber Threat Intelligence (WAITI) 2024, workshop of the Annual Computer Security Applications Conference (ACSAC24) (https://waiti-workshop.github.io/committee/index.html)	Workshop of cat. A conference (= B)	2
The 38th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2025) (https://www.i-somet.org/iea-aie2025/committees.html)	C	1

The 37th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2024) (http://www.ieaaie2024.com/committee.html)	C	1
The 36th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2023) (http://www.ieaaie2023.com/committee.html)	C	1
The 35th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems (IEA/AIE 2022) (https://ieaaie2022.wordpress.com/committee/)	C	1
FROM (The 4th Working Formal Methods Symposium) 2020 (http://www.cs.ubbcluj.ro/from2020/committees/)	D	0.5
ICAI (The 11th International Conference on Applied Informatics) 2020 (https://icai.uni-eszterhazy.hu/2020/)	D	0.5
PCIT (PANNONIAN CONFERENCE ON ADVANCES IN INFORMATION TECHNOLOGY) 2020 (https://pcit2020.mik.uni-pannon.hu/index.php/hu/tudomanyos-bizottsag.html)	D	0.5
PCIT (PANNONIAN CONFERENCE ON ADVANCES IN INFORMATION TECHNOLOGY) 2019 (https://pcit2019.mik.uni-pannon.hu/index.php/hu/tudomanyos-bizottsag.html)	D	0.5
FMTÜ 2019 (XXIV. Fiatal Műszakiak Tudományos Ülésszaka, 2019 - INTERNATIONAL SCIENTIFIC CONFERENCE OF YOUNG ENGINEERS) (https://eda.eme.ro/handle/10598/31247)	D	0.5
FMTÜ 2015 (XX. Fiatal Műszakiak Tudományos Ülésszaka, 2015 - INTERNATIONAL SCIENTIFIC CONFERENCE OF YOUNG ENGINEERS) (https://eda.eme.ro/handle/10598/28675)	D	0.5

Membru în comitetul științific al workshopului ECML/PKDD "ALRA: ACTIVE LEARNING IN REAL-WORLD APPLICATIONS", 2012 (http://fr.nomao.com/labs/alra)	Workshop cat. A (= B)	2
Director/Membru Comitet de Organizare eveniment ştiinţific: 17		
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 14. Matematika és Informatika Alkalmazásokkal Konferencia, 2024. november 15-17. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2024/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 14. Matematika és Informatika Alkalmazásokkal Konferencia, 2023. november 16-18. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2023/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 13. Matematika és Informatika Alkalmazásokkal Konferencia, 2022. november 25-27. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2022/)	D	1
Organizator principal MaCS 2022 (24-27 November, 2022) (https://www.cs.ubbcluj.ro/~macs/2022/)	D	2
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 12. Matematika és Informatika Alkalmazásokkal Konferencia, 2021. november 12-14. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2021/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 11. Matematika és Informatika Alkalmazásokkal Konferencia, 2020. november 13-15. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2020/)	D	1

Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 10. Matematika és Informatika Alkalmazásokkal Konferencia, 2019. november 15-17. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2019/)	D	1
Membru în comitetul de organizare a conferinței MACS 2018 (http://www.cs.ubbcluj.ro/~macs/2018/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 9. Matematika és Informatika Alkalmazásokkal Konferencia, 2018. november 16-18. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2018/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 8. Matematika és Informatika Alkalmazásokkal Konferencia, 2017. november 3-5. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2017/)	D	1
Membru comitet organizare + comitet științific: A Magyar Tudomány Napja Erdélyben, 7. Matematika és Informatika Alkalmazásokkal Konferencia, 2016. november 18-20. (https://www.cs.ubbcluj.ro/~darvay/eme/mtne2016/)	D	1
Membru în comitetul de organizare a conferinței MACS 2014 (https://www.cs.ubbcluj.ro/~macs/2014/)	D	1
Membru în comitetul de organizare a școlii de vară "Domain specific languages summer school", 2013, UBB, Cluj-Napoca (http://dsl2013.math.ubbcluj.ro/organizers.html) (https://link.springer.com/book/10.1007/978-3-319-15940-9, LNCS, volume 8606)	C	2
Membru în comitetul de organizare a școlii de vară "Central European Functional Programming School 2007", UBB, Cluj-Napoca (http://www.cs.ubbcluj.ro/cefp2007/) (https://link.springer.com/book/10.1007/978-3-540-88059-2, LNCS 5161)	C	2

Keynote/Invited speaker: 7		
Conferința națională Magyar Tudomány Napja Erdélyben 2023, 17. noiembrie 2023, Cluj-Napoca: "Az értelmezhetőség minőségének mérése interpretálható konvolúciós neurális hálókban" (https://www.eme.ro/mtne2023, https://www.eme.ro/sites/default/files/inline-files/MTNE%202023%20-%20plenaris%20eloado_BodoZalan_3.pdf)	D	1
9th International Conference on Mathematics and Informatics, September 7-8, 2023, Târgu Mureş/Marosvásárhely, Romania (https://mathinfo.ms.sapientia.ro/2023/, https://mathinfo.ms.sapientia.ro/2023/Program_Mathinfo_Info.pdf)	D	1
Ifjú Székely Informatikusok Kollokviuma (ISZIK) 2021 (http://locsi.web.elte.hu/masz-im/iszik2021-program.pdf)	D	1
Pannonian Conference on Advances in Information Technology (PCIT) 2019 (https://pcit2019.mik.uni-pannon.hu/index.php/en/)	D	1
7. Digitális Székelyföld Konferencia 2019 (https://digitalisszekelyfold.ro/7-digitalis-szekelyfold-konferencia)	D	1
Conferința națională Magyar Tudomány Napja Erdélyben, 25-26. November, 2016, Cluj-Napoca: "Költséghatékony osztályozás: a félig felügyelt gépi tanulási algoritmusok" (http://www.eme.ro/mtne)	D	1
Conferința internațională 11th Joint Conference on Mathematics and Computer Science, 20-22 May, 2016, Eger, Hungary: "Similarity and kernels in machine learning". (http://macs.elte.hu/, http://www.cs.ubbcluj.ro/~zbodo/pres/macs2016.pdf)	D	1
Profesor/Cercetător invitat/asociat		

Consolidarea de echipe de cercetare		
Membru in comisii de evaluare a tezelor de doctorat la universitate de top		
Membru în comisii de indrumare a doctoranzilor		
Dezvoltarea de pachete software: 2		
Porter Stemmer în GNU Flex: https://tartarus.org/martin/PorterStemmer/ + https://github.com/miafranc/porter Martin Porter's website (traffic: https://www.similarweb.com/website/tartarus.org/#overview)		2
Pozitii de conducere în organizatii profesionale:		
Premii si alte merite: 4		
PREMIUL PENTRU EXCELENȚĂ ȘTIINȚIFICĂ, Kolozsvári Akadémiai Bizottság / FILIALA DIN CLUJ A		2

ACADEMIEI MAGHIARE DE ȘTIINȚE, 2022		
Premiul "Active Learning Challenge Award", primul loc în clasificarea documentelor (setul D) Active Learning and Experimental Design Workshop, May 16, 2010, Sardinia, Italy (AISTATS workshop). (http://clopinet.com/isabelle/Projects/AISTATS2010/, http://www.causality.inf.ethz.ch/activelearning.php)		2
Brevete și invenții active		

Criteriu director proiect de cercetare cu minim 2 membri, obținut prin competiție la nivel național sau internațional:

Director proiect de cercetare finanțat de MTA (**Academia Maghiară de Științe**) Domus, *Interpretálható konvolúciós neurális hálózatok használata képosztályozási és szemantikus szegmentálási feladatokban* (*Using interpretable convolutional neural networks in image classification and semantic segmentation problems*), grant ID 50/9/2024/HTMT

- sumă grant: 1320000 Ft

- perioada de desfășurare: 1 mai 2024 - 28 februarie 2025

- membrii proiectului:

  - coordonator proiect: conf. dr. Zalán-Péter Bodó

  - membri: asist. dr. Annamária Szenkovits, drd. Adél Bajcsi

- pachetul de informații (în lb. maghiară): https://mta.hu/domus-osztondij/a-domus-osztondij-105505, https://mta.hu/data/dokumentumok/magyar_tudomanyossag_kulfoldon/2024/Domus_szulofoldi_osztondij_palyazati_felhivas_2024.pdf