

Listă lucrări

As. Dr. Ing. Alexandru Petrescu

I. TEZA DE DOCTORAT (T)

- T1. Alexandru Petrescu, *Scalable Analysis of Social Networks*, June 2026.

II. ARTICOLE / STUDII IN EXTENSO PUBLICATE (R,V)

Reviste de specialitate de circulație internațională recunoscute (Ris)

- **Ris1.** A. Petrescu, C. -O. Truică, E. -S. Apostol and A. Paschke, *EDSA-Ensemble: An Event Detection Sentiment Analysis Ensemble Architecture*, in IEEE Transactions on Affective Computing, vol. 16, no. 2, pp. 555-572, April-June 2025, doi: 10.1109/TAFFC.2024.3434355. [Q1]
- **Ris2.** A. Petrescu and Patricia Vasile, *FIGHTING FAKE-NEWS VIA ADAPTIVE MIXTURE OF TRANSFORMERS*, jurnalul UPB, 2025 - (Accepted for Publication) [Q4]
- **Ris3.** Alexandru Petrescu, Elena-Simona APOSTOL, Ciprian-Octavian Truică, Panagiotis Karras, Florin Pop, *MeshShield: Reactive Community Immunization via Spectral Analysis*, Information Processing and Management, 2025 (Under Review) [Q1]

Volumele unor manifestări științifice internaționale recunoscute (Vis)

- **Vis1.** A. Petrescu, C. -O. Truică and E. -S. Apostol, *Sentiment Analysis of Events in Social Media*, 2019 IEEE 15th International Conference on Intelligent Computer Communication and Processing (ICCP), Cluj-Napoca, Romania, 2019, pp. 143-149, doi: 10.1109/ICCP48234.2019.8959677.
- **Vis2.** Alexandru Petrescu, Ciprian-Octavian Truică, Elena-Simona Apostol, and Panagiotis Karras. 2021. *Sparse Shield: Social Network Immunization vs. Harmful Speech*. In Proceedings of the 30th ACM International Conference on Information & Knowledge Management (CIKM '21). Association for Computing Machinery, New York, NY, USA, 1426–1436. <https://doi.org/10.1145/3459637.3482481> [A1]
- **Vis3.** Alexandru Petrescu. *Leveraging MiniLMv2 Pipelines for EXIST2023*. Proceedings of the Multilingual Information Access Workshop (MIAP 2023) as part of CLEF 2023, CEUR

Workshop Proceedings, Vol. 3497, 2023. Available at:
<https://ceur-ws.org/Vol-3497/paper-088.pdf>

- **Vis4.** Alexandru Petrescu, Ciprian-Octavian Truică, and Elena-Simona Apostol. *Language-based mixture of transformers for EXIST2024*. Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2024), CEUR Workshop Proceedings, Vol. 3740, 2024. Available at: <https://ceur-ws.org/Vol-3740/paper-108.pdf>
- **Vis5.** Petrescu, A., Truică, CO., Apostol, ES. (2026). *Language-Based Mixture of Transformers for Sexism Identification in Social Networks*. In: Carrillo-de-Albornoz, J., et al. Experimental IR Meets Multilinguality, Multimodality, and Interaction. CLEF 2025. Lecture Notes in Computer Science, vol 16089. Springer, Cham.
https://doi.org/10.1007/978-3-032-04354-2_10
- **Vis6.** Alexandru Petrescu, Elena-Simona Apostol, Ciprian-Octavian Truică. *Awakened at EXIST2025: Adaptive Mixture of Transformers*, Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2025), p. 2104-2110, September 2025.