

LISTA DE LUCRĂRI
în domeniul disciplinelor din postul didactic
Conf. univ. dr. Elena PELICAN

A. Teza de doctorat:

Contribuții la studiul unor probleme inverse cu aplicații în fizica matematică, Universitatea "Politehnica" din București, 2007

B. Cărți și capitole în cărți publicate în ultimii 10 ani

1. **E. Pelican, L. Liță, Algoritmi pentru recunoaștere facială**, MatrixRom, București 2015; 200 pp; ISBN 978 - 606 - 25 - 0141 - 9

C. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

a) Articole ISI

1. G.P. Prodan, **E. Pelican, Prompt Scoring System for Dialog Summarization**, European Journal on Artificial Intelligence (fostul AI Communications), Early Access, Apr 2025, DOI 10.1177/30504554251321829, WOS:001468903000001, ISSN 3050-4554. (Q4-AIS, 2024)
2. F. Stoica, **E. Pelican, A machine learning approach of enhancing eCommerce solutions**, Expert Systems with applications, Vol 274, 2025, article number 126997, DOI 10.1016/j.eswa.2025.126997, WOS: 001438192400001, ISSN 0957-4174. (Q1-AIS, 2024)
3. L. Lita, **E. Pelican, A Low-Rank Tensor-Based Algorithm for Face Recognition**, Appl. Math. Modelling, 39(3-4), 2015, DOI 10.1016/j.apm.2014.08.003, WOS: 000349192700021, ISSN 0307-904X. (Q1-AIS, 2024)
4. Z. Bahraoui, C. Bolance, **E. Pelican, R. Vernic, On the bivariate Sarmanov distribution and copula. An application on insurance data using truncated data using marginal distribution**, SORT J, 39(2), 2015, 209-230, WOS:000368469900003, ISSN 1696-2281. (Q3-AIS, 2024)

b) Articole BDI

1. V. Belciug, **E. Pelican, A Multidimensional Approach to Predicting Action Probability from Text**, International Conference on Mathematics and Computer Science -5th Edition - MACOS 2024, Brasov, June 13-15, 2024, va aparea in Bulletin of Transilvania Univ of Brasov, Series III – Mathematics and Computer Science, Vol 1, 2026.
2. Badea A., **Pelican E., Vernic R., Exploring sum-product networks for image classification. Applications.**, Proceedings of 26th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2024, pp 395-402, (IEEEExplore) DOI 10.1109/SYNASC 65383 2024.00071.

E. Pelican

3. **E. Pelican, L. Odainic, Enhancing an End-to-end Romanian Speech Recognition Model for Persons with Speech Impairments**, International Journal of User-System Interaction, 15(22), 38-50.

D. Lucrări publicate în ultimii 10 ani în reviste și volume de conferințe cu referenți (neindexate)

1. V. Belciug, **E. Pelican, A multidimensional approach for text analysis**, va apărea in Proceedings of The 19th International Conference on Linguistic Resources and Tools for NLP - ConsILR 2024, Alba-Iulia, Romania.
2. E. Vezeteu, D. Sburlan, **E. Pelican, Speech and Speaker Recognition for Romanian Language**, RoCHI Conference Proceedings (International Conference on Human-Computer Interaction), Cluj Napoca 2018, ISSN 2501-9422, 54-62.
3. S. Morar, **E. Pelican, D.M. Popovici, Filter Application on Facial Features in a Smartphone App**, RoCHI Conference Proceedings (International Conference on Human-Computer Interaction), Cluj Napoca 2018, ISSN 2501-9422, 5-11.

E. Brevete obținute în întreaga activitate

F. Proiecte/contracte/granturi de cercetare-dezvoltare-inovare în ultimii 10:

1. Educational Reality Research – Fundamental Component of Future Teachers Training, POSDRU/156/1.2/G/139720, IT Expert (2014-2015)
2. MATE-INFO.NET, Adjusting the university study programs according to the National Framework of Qualifications in Higher education and the creation of a virtual network in order to improve interactions with the business environment to support the economic and social development <http://mate-info.univ-ovidius.ro/>, POSDRU/156/1.2/G/136858, long term education expert (2014-2015)
3. PPC-Practice for Career! POSDRU/189/2.1/G/156686, short-term expert (2015).
4. ProInfo – training human resources in IT, <http://proinfo.univovidius.ro/>, POCU/320/6/21/122837 (2019-2021) Machine learning tutor, long-term education expert
5. Identifying the unusual behavior of people in video streams <https://ideneo.univ-ovidius.ro/>, PN-III-P2-2.1-SOL-2021-0024, postdoctoral researcher (2021-2023)
6. Intelligent Tutoring System MENTORO, POR 4696/27.04.2023, IT expert (2023)
7. CiTyInnoHub-101083582-EDIH-01 (101083582 DIGITAL-2021-EDIH-01/SMIS 161862/SMIS 322929) Education Expert (Machine learning and MS Excel tutor) (2024-2025)
8. Practic – 311134 (G2024-63816/10.10.2024 / SMIS 311134) Practice Aligned with the Current Reality of Constanța in IT&C (PRACTIC) - Expert Coordinator of Lobbying, Practice, and Employment (2025-2026).

Data,
15/05/2025

Semnătura,
