

Nume: Conf. univ. dr. Sburlan Dragos-Florin

LISTA DE LUCRĂRI
în domeniul disciplinelor din postul didactic

A. Teza de doctorat:

Dragoș Sburlan, *Promoting and Inhibiting Contexts in Membrane Computing*, Doctoral Thesis, University of Seville, Spain, 2006;

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

B1. Dragos Sburlan, Elemente de procesare automata a limbajului natural, capitol in Medii Virtuale multimodale distribuite, Ed. Universitaria, 2015, 185-230

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

a) Articole ISI

- C1. D. Sburlan, Aggregating Parallel Multiset Rewriting Systems, *Enjoying Natural Computing - Lecture Notes in Computer Science*, 11270, 2018, 269–278.
- C2. AF Ionescu, D. Sburlan, AdABI: an Adaptive Assessment System Based on Bayesian Inference 15th International Scientific Conference on eLearning and Software for Education (eLSE) - New Technologies and Redesigning Learning Spaces 2019 *NEW TECHNOLOGIES AND REDESIGNING LEARNING SPACES*, VOL I , pp.288-295
- C3. Bautu, E.; Puchianu, C.M.; Bran, E.; Sburlan, D.F.; Popovici, D.M., In-Vehicle Software System for Fostering Driver's Attentiveness, *DAS-IEEE*, 151-156, 2020
- C4. Bran, E.; Bautu, E. ; Sburlan, D.F.; Puchianu, C.M.; Popovici, D.M. , Ubiquitous Computing: Driving in the Intelligent Environment, *Mathematics*, 9, 21, 2021
- C5. Sburlan, C.; Sburlan, D.F., Parallel Multiset Rewriting Systems with Distorted Rules, *Processes*, 9, 2, 2021
- C6. A. Digulescu, C. Despina-Stoian, F. Popescu, D. Stanescu, D. Nastasiu, D. Sburlan: UWB Sensing for UAV and Human Comparative Movement Characterization. *Sensors* 23(4): 1956 (2023)
- C7. C. O. Sorici, C. Sălceanu, R. S. Matei, D.F. Sburlan, A. Țiței, M. A. Gîrțu, An Extracurricular Project-Based Training Course in Innovation and Entrepreneurship Delivered to a Transdisciplinary Group of Students in Engineering, Social Sciences, Arts and Medicine, *Education Sciences*, 13, 10, 967, 2023
- C8. Sburlan, D. F., Sburlan, C., & Bobe, A. (2025). Tech Trend Analysis System: Using Large Language Models and Finite State Chain Machines. *Electronics*, 14(11), 2191.

b) Articole BDI

- C9. Eugeniu Vezeteu, Dragos Sburlan, Elena Pelican, Speech & Speaker Recognition for Romanian Language, *ROCHI* 2018, 54-62.
- C10. Catalin Diaconescu, Dragos Sburlan, Dorin-Mircea Popovici, Augmenting Selection by Intention for In-Vehicle Control and Command, *ROCHI* 2018, 107-110.
- C11. Dragos F. Sburlan, Elena Bautu, Crenguta Madalina Puchianu, Dorin Mircea Popovici: Adaptive Interactive Displaying System for In-Vehicle Use. KES 2020, *Procedia Computer Science*, 195-204
- C12. Emanuela Bran, Dragos Florin Sburlan, Dorin Mircea Popovici, Crenguta Madalina Puchianu, Elena Bautu: In-vehicle Visualization of Data by means of Augmented Reality. KES 2020, *Procedia Computer Science*, 1487-1496
- C13. Dumitriu, D.C.; Sburlan, D.F. Enhanced Human-Machine Conversations by Long-Term Memory and LLMs. *Int. J. User-Syst. Interact.* 2023, 16, 85–102

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

- **Reviste**

- **Selecție cu maximum 20 lucrări în volume de conferințe**

E. Brevete obținute în întreaga activitate

Patent:

E1. Caprioara D; Puchianu C M; Popovici D M; Ionescu A; Bautu E; Sburlan D; Corleanca C; Cheng X, Statistic software for research in the educational field which consists of modules which work together for assisting the user, Derwent Primary Accession Number 2016-318787, RO131157-A0, 30.05.2016, G06Q-050/20, 201636

**Data,
30.05.2025**

Semnătura,

Conf. univ. dr. Sburlan Dragos Florin