

## LISTA DE LUCRĂRI

### Gavrilă (Șchiopu) Daniela

LUCRĂRI PUBLICATE ÎN VOLUMELE UNOR CONFERINȚE INTERNAȚIONALE (ISI PROCEEDINGS, SPRINGER, IEEE, IFAC)

- 1) Șchiopu, D., Applying Nonlinear Techniques for an Automatic Speech Recognition System, *Proceedings of 22<sup>nd</sup> International Conference on Nonlinear Dynamics of Electronic Systems – NDES 2014*, July 4-6, 2014, Albena, Bulgaria, pp. 371-378, *Communications in Computer and Information Science*, LNCS Springer International Publishing, Print ISBN 978-3-319-08671-2, Vol. 438, 2014.
- 2) Șchiopu, D., Oprea, M., Using Neural Networks for a Discriminant Speech Recognition System, *Proceedings of 12<sup>th</sup> IEEE International Conference on Development and Application Systems – DAS*, May 15-17, 2014, Suceava, Romania, pp. 165-169, ISBN 978-1-4799-5092-8, IEEE Catalog number 33969.
- 3) Șchiopu, D., Implementation Methods of Speech Recognition in e-Learning, *Proceedings of 9<sup>th</sup> International Conference on Virtual Learning ICVL*, Bucharest, October 24-25, pp. 69-74, 2014.
- 4) Șchiopu, D., Using Statistical Methods in a Speech Recognition System for Romanian Language, *Proceedings of 12<sup>th</sup> IFAC (The International Federation of Automatic Control) / IEEE International Conference on Programmable Devices and Embedded Systems – PDeS*, Velke Karlovice, Czech Republic, September 25<sup>th</sup>-27<sup>th</sup>, 2013, pp. 252-256, <http://www.ifac-papersonline.net/Detailed/62469.html>.
- 5) Șchiopu, D., Using Automatic Speech Recognition Technologies in e-Learning Process, *Proceedings of The 9<sup>th</sup> eLearning and Software for Education Conference – eLSE*, Bucharest, April 2013, <http://www.cceol.com/asp/getdocument.aspx?logid=5&id=69ddb1bcfed14d91a1503d6042b43007>.
- 6) Oprea, M., Șchiopu, D., An Artificial Neural Network-Based Isolated Word Speech Recognition System for the Romanian Language, *Proceedings of 16<sup>th</sup> IEEE International Conference on System Theory, Control and Computing - ICSTCC2012*, Sinaia, Romania, October 12<sup>th</sup> - 14<sup>th</sup>, 2012.
- 7) Șchiopu, D., A Comparative Study of Three Speech Recognition Systems for Romanian Language, *The 5<sup>th</sup> International Conference on Virtual Learning ICVL*, Târgu-Mureș, pp. 318-324, 2010, [http://www.icvl.eu/2010/disc/icvl/documente/pdf/tech/ICVL\\_Technologies\\_paper09.pdf](http://www.icvl.eu/2010/disc/icvl/documente/pdf/tech/ICVL_Technologies_paper09.pdf).

#### LUCRĂRI PUBLICATE ÎN REVISTE BDI

- 8) **Șchiopu, D.**, Automatic Speech Recognition: Methods and Applications for Romanian Language, *Bulletin of Petroleum-Gas University of Ploiești, Technical Series*, acceptat pentru publicare în vol. LXVI, no. 4, 2014.
- 9) **Șchiopu, D.**, Speech Recognition Neural Methods in E-learning Environments, *International Journal of Computer Science Research and Application – IJCSRA*, vol. 3, issue 1, pp. 48-53, 2013 (articol prezentat la Conferința ICVL - International Conference on Virtual Learning, 2012).
- 10) **Șchiopu, D.**, Using Artificial Neural Networks in a Pattern Recognition Control System, *Bulletin of Petroleum-Gas University of Ploiești, Technical Series*, ISSN 1224-8495, vol. LXI, no. 3/2009.

#### LUCRĂRI PREZENTATE LA MANIFESTĂRI ȘTIINȚIFICE INTERNAȚIONALE SAU NAȚIONALE CU COMITET DE PROGRAM

- 11) **Șchiopu, D.**, A Survey of the Probabilistic Context-Free Grammars, *The 9<sup>th</sup> Balkan Conference on Operational Research BALCOR*, 2-6 septembrie 2009, Constanța.

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14.11.2014

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Semnătura