

## Lista de articole științifice publicate

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3. R. Brehar, **I. Giosan**, A. Vatavu, M. Negru, S. Nedevschi – Modeling the behavior of large scale reasoning systems using clustering and regression, *Proceedings of IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, August 2011, Cluj-Napoca, Romania, pp.163-169.
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5. F. Florian, **I. Giosan**, S. Nedevschi – Pedestrian detection from traffic scenes based on probabilistic models of the contour fragments, *Proceedings of IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, September 2013, Cluj-Napoca, Romania, pp. 95-102.
6. **I. Giosan**, A.D. Costea, S. Nedevschi – Urban traffic dense-stereo obstacle classification using boosting over visual codebook features, *Proceedings of IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, September 2013, Cluj-Napoca, Romania, pp. 111-116.
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10. **I. Giosan**, E. Olti, S. Nedevschi – Traffic road obstacles detection based on analysis of relative motion vectors, *ACAM: Automation, Computers, Applied Mathematics*, pp. 217-224, 2013.
11. C. Pocol, S. Nedevschi, **I. Giosan** – Obstacle Detection Based on Single Frame Stereo Vision, *ACAM: Automation, Computers, Applied Mathematics*, pp. 247-256, 2013.
12. **I. Giosan**, S. Nedevschi, C. Pocol – Shape improvement of traffic pedestrian hypotheses by means of stereo-vision and superpixels, *Proceedings of IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, September 2015, Cluj-Napoca, Romania, pp. 217-222.
13. L. Patras, **I. Giosan**, S. Nedevschi – Body gesture validation using multi-dimensional dynamic time warping on Kinect data, *Proceedings of IEEE International Conference on Intelligent Computer Communication and Processing (ICCP)*, September 2015, Cluj-Napoca, Romania, pp. 301-307.
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20. S.E.C. Deac, **I. Giosan**, S. Nedevschi – Curb detection in urban traffic scenarios using LiDARs point cloud and semantically segmented color images, *Proceedings of IEEE*

*Intelligent Transportation Systems Conference (ITSC)*, October 2019, Auckland, New Zealand, pp. 3433–3440.

21. M.P. Muresan, **I. Giosan**, S. Nedevschi – Stabilization and Validation of 3D Object Position Using Multimodal Sensor Fusion and Semantic Segmentation, *Sensors* 2020, 20(4), 1110.

## **Lista de materiale didactice publicate**

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2. S. Nedevschi, T. Marița, R. Dănescu, F. Oniga, R. Brehar, **I. Giosan**, S. Bota, A. Ciurte, A. Vataavu – Image Processing - Laboratory Guide, editura *UTPRESS*, Cluj-Napoca, 2016, 124 pagini, online: <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/137-6.pdf>

## **Lista de cărți de specialitate publicate**

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