

## Șerban OPRIȘESCU – lista de lucrări

### Principalele lucrări publicate:

- **S. Oprisescu**, "Baze de date, îndrumar de laborator", editura Universității Transilvania din Brașov, 2021, ISBN 978-606-19-1379-4
- **S. Oprisescu**, M. Ciuc, A. Sultana, Automatic Segmentation and Measurement of Infantile Hemangioma. Symmetry 2021, 13, 138. <https://doi.org/10.3390/sym13010138>
- A. Sultana, H. Balazs, S. Ovreiu, **Ș. Oprisescu** and C. Neghină, "Infantile Hemangioma Detection using Deep Learning," 2020 13th International Conference on Communications (COMM), Bucharest, Romania, 2020, pp. 313-316, doi: 10.1109/COMM48946.2020.9141992.
- **S. Oprisescu**, M. Ciuc, A. Sultana, "Automatic measurement of infantile hemangiomas", 2017 E-Health and Bioengineering Conference (EHB), Sinaia, 2017, pp. 503-506
- **S. Oprisescu**, T. Radulescu, A. Sultana, C. Rasche, M. Ciuc, "Automatic Pap Smear Nuclei Detection Using Mean-Shift and Region Growing", 12-th Int. Symp. on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2015 (*cotat ISI*)
- C. Rasche, **S. Oprisescu**, A. Sultana, T. Radulescu, "Analysis of Pap Smear Images with Iso-, Edge-Contours", Int. Conf. on Intelligent Computer Communication and Processing (ICCP), Cluj, Romania, 2015 (*cotat ISI*)
- A. Sultana, **S. Oprisescu**, M. Ciuc, "Automatic Evaluation of Hemangiomas for Follow-up Monitoring", Int. Conf. on e-Health and Bioengineering, (EHB 2015), Iasi, Romania, 2015 (*cotat ISI*)
- **S. Oprisescu**, M. Ciuc, A. Sultana, I. Vasile, "Automatic Segmentation of Infantile Hemangiomas Within an Optimally Chosen Color Space", Int. Conf. on e-Health and Bioengineering, (EHB 2015), Iasi, Romania, 2015 (*cotat ISI*)
- A. Sultana, M. Zamfir, M. Ciuc, **S. Oprisescu**, M. Popescu, "Automatic Segmentation of Infantile Hemangiomas", 12-th Int. Symp. on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2015. (*cotat ISI*)
- **S. Oprisescu**, M. Dumitrescu, "On the Estimation of Intrinsic Dimension for 3D Images," Buletinul Științific UPB, Seria C, Vol. 76, No. 4, 2014, pp. 49-60.
- **S. Oprisescu**, M. Ciuc, I. Vasile, "Hand Posture Recognition Using the Intrinsic Dimension," pp. 974-979, Conferința Optim 2014, 22-24 Mai 2014, Brașov. (*cotat ISI*)
- **S. Oprisescu**, L. Florea, E. Ovreiu, "Detection of thrown objects using ToF cameras," pp. 83-86, 9th Int. Conf. on Intell. Comp. Comm. and Proc. (ICCP), 2013, 5-7 Septembrie, Cluj-Napoca, ISBN: 978-1-4799-1493-7
- **S. Oprisescu**, E. Barth, "3D Hand Gesture Recognition using the Hough Transform," Advances in Electrical and Computer Engineering, vol. 13, no. 3, pp. 71-76, 2013, doi:10.4316/AECE.2013.03012 (*cotat ISI*)
- **S. Oprisescu**, C. Rasche, B. Su, "Automatic static hand gesture recognition using ToF cameras", pp 2748 - 2751, EUSIPCO 2012, 27-31 Aug. 2012, Bucuresti (*cotat ISI*)
- **S. Oprisescu**, L. Florea, „Automatic 2D/3D ToF Image Fusion Using the Intrinsic Dimension”, pp 99-102, 9th Int. Conf. on Communications (COMM) 2012, 21-23 Iunie, București (*cotat ISI*)
- L. Florea, **S. Oprisescu**, C. Florea, „Mouth Area Analysis by the Use of Selected Spectral Energies”, pp 103-106, 9th Int. Conf. on Communications (COMM) 2012, 21-23 Iunie, București (*cotat ISI*)
- A. E. Sultana, S. Pașca, **S. Oprisescu** – “Imagistică medicală – Îndrumar de laborator”, editura Matrix ROM, ISBN: 978-973-755-726-1

- **S. Oprisescu**, C. Burlacu, A. Sultana, "A new contour extraction algorithm for ToF images", pp 121-124, Conf. IEEE ISSCS 2011, 30 Iunie – 01 Iulie, Iași (*cotat ISI*)
- **S. Oprisescu**, C. Burlacu, V. Buzuloiu, "Action Recognition using Time of Flight Cameras", IEEE Communications 2010, Bucuresti, pp 153-156 (*cotat ISI*)
- A. Sultana, M. Ciuc, R. Strungaru, **S. Oprisescu**, L. Florea – „Automated Bilateral Asymmetry Detection in Mammograms”, Proceedings of ECIT 2010, 06-08 octombrie, Iasi, Romania, ISSN: ECIT 2010\_2069-038X\_9772069038003
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- **S. Oprisescu**, V. Buzuloiu, "Histogram and motion based intrusion detection algorithms for ToF cameras", pp 41-44, Conf. IEEE ISSCS 2009, 9-10 Iulie, Iași (*cotat ISI*)
- A. Oprea, M. Ciuc, **S. Oprisescu**, „Two-step tumor identification in digital mammography”, COMM 2008, Bucuresti 2008, vol I, ISBN 978-606-521-008-0, pp. 125-128.
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- **S. Oprisescu**, "On the use of the EM algorithm for training a MAP classifier" – articol publicat în Buletinul Științific UPB, Seria C, Vol. 68, No. 3, 2006.
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