

CURRICULUM VITAE

DR. CANER OZCAN

Date of Birth: 27.01.1986

Address: Karabuk University, Faculty of Engineering, Department of Computer Engineering, Karabuk, 78050, Turkey

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Education:

- Ph.D. 2015 Department of Computer Engineering, Graduate School of Natural and Applied Science, Karabuk University. Topic: SAR Image Despeckling By Using Non-Local Means and Mixed Norms. Supervisors: Dr. Baha SEN and Dr. Fatih Nar.
- M.A. 2011 Department of Computer Engineering, Graduate School of Natural and Applied Science, Karabuk University
- B.A. 2008 Department of Computer Engineering, Faculty of Electrical-Electronics Engineering, Yildiz Technical University

Academic Experiences:

- Assistant Professor 2016-.... Department of Computer Engineering, Faculty of Engineering, Karabuk University
- Research Assistant 2008-2016 Department of Computer Engineering, Faculty of Engineering, Karabuk University

Research Projects:

- Project Coordinator Karabuk University, SRCU, Project Number: KBÜBAP-17-YL-072, Project Name: Classification of Big Data with Machine Learning Methods Using Apache Spark Technology (2017-....)
- Researcher Yildirim Beyazit University, SRCU, Project Number: YBU-BAP-590, Project Name: A Hybrid Method for Noise Reduction on SAR Images (2013-2015)
- Scholarship Student The Scientific and Technological Research Council of Turkey, Project Number: 1100548, Computer Aided Combustion Mechanism of Wooden Materials (2011-2013)

Membership in Professional Organizations:

SPIE (2014-...) and IEEE (2012-...)

Research Areas:

Image Processing, Remote Sensing, Parallel Programming, Machine Learning, Big Data Analytics.

Publications:

A. Articles published in international peer-reviewed journals:

Ozcan, C., Sen, B., and Nar, F., "Sparsity-Driven Despeckling for SAR Images", IEEE Trans. Geosci. Remote Sens., 13 (1): 115-119, Nov. 2015.

B. Articles published in national peer-reviewed journals:

Cavusoglu, A., Sen, B., Ozcan, C., and Gorgunoglu, S., "Cropped Quad-Tree Based Solid Object Coloring With Cuda", Mathematical and Computational Applications, 18(3):301-312, 2013.

Ozcan, C., Bayir, R., and Ozcan, C., "Monitoring of Wooden Material Combustion Performance with Fuzzy Logic", Technology, 13(3), 189-199, 2010.

C. Paper presented at international scientific meetings and published on the book:

Kazangirler, C. B., Ozcan, C., "Establishment of Educational Network among the Undergraduate with Mobile Application", ISERD -127th International Conference on Recent Innovations in Engineering and Technology (ICRIET), Mecca, Saudi Arabia, 23-24 January, 2017.

Ozcan, C., Sen, B., Nar, F., "Sparsity-Driven Despeckling Method with Low Memory Usage", IEEE Signal Processing and Communications Applications Conference (SIU), 2016 24nd, Page(s): 1329-1332, Zonguldak, Turkey, 16-19 May, 2016.

Atasoy, F., Sen, B., Nar, F., Ozcan, C., Bozkurt, I., "Total variation based 3D skull segmentation", IEEE Signal Processing and Communications Applications Conference (SIU), 2016 24nd, Page(s): 1353-1356, Zonguldak, Turkey, 16-19 May, 2016.

Ozcan, C., Sen, B., Nar, F., "GPU Efficient SAR Image Despeckling Using Mixed Norms", Proc. SPIE 9247: High-Performance Computing in Remote Sensing IV, Amsterdam, Netherlands, 2014.

Sen, B., Ozcan, C., Aydin Atasoy, N., "An Implementation for Quad-Tree Based Solid Object Coloring Using Cuda", Proceedings on 2nd World Conference on Information Technology, Antalya, Turkey, 2011.

Sen, B., Aydin Atasoy, N., Ozcan, C., “Performance Comparison of Gauss-Jordan Elimination Method Using Openmp and Cuda”, Proceedings on 2nd World Conference on Information Technology, Antalya, Turkey, 2011.

Ozcan, C., Sen, B., “Investigation of the Performance of LU Decomposition Method Using CUDA”, Proceedings on 2nd World Conference on Innovation and Software Development, Istanbul, Turkey, 2011.

Ozcan, C., Bayir, R., Ozcan, C., “Fuzzy Logic Graphical User Interface Software for Evaluation of Wooden Material Combustion Performance”, Proceedings on 2nd International Symposium on Computing in Science & Engineering, P:483-485, Kusadası, Turkey, 2011.

Ozcan, C., Uysal, A., Bayir, R., “Real Time Control via Matlab/Simulink of DC-DC Buck Converter with Fuzzy Logic Controller”, FUZZYSS'09: 1st International Fuzzy Systems Symposium, Ankara, Turkey, 1-2 October, 2009.

D. Paper presented at national scientific meetings and published on the book:

Ozcan, C., Sen, B., Nar, F., “Early-exit Optimization Using Mixed Norm Despeckling for SAR Images”, IEEE Signal Processing and Communications Applications Conference (SIU), 2015 23rd, Page(s): 685 - 688, Malatya, Turkey, 16-19 May, 2015.

Ozcan, C., Sen, B., Nar, F., “Fast feature preserving despeckling”, IEEE Signal Processing and Communications Applications Conference (SIU), 2014 22nd, Page(s): 1007 - 1010, Trabzon, Turkey, 23-25 April, 2014.

Sen, B., Menemencioglu, O., Atasoy, F. and Ozcan, C., “Clustered virtual class application”, Academic Informatic, Malatya, 1-8 (2011).