

LIST OF PUBLICATIONS

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[Books, Book Chapters, Journal Special Issues]

1. M. G. Jones and S. G. Nikolov, *Gaze-Contingent Volume Rendering, in Computer Aided Eye Monitoring*, R. Hammoud (Ed.), Springer Verlag, 2008, pp 139-164
2. S. G. Nikolov, T. D. Dixon, J. J. Lewis, C. N. Canagarajah, D. R. Bull, T. Troscianko, J. M. Noyes, *How Multi-Modality Image Displays Affect Decision Making, in Scientific Support for the Decision Making in the Security Sector*, in O. Kounchev, R. Willems, V. Shalmanov and Tsv. Tsachev (Eds.). NATO Science for Peace and Security Series: Information and Communication Security, vol. 12, IOS Press, The Netherlands, pp 187-198
3. S. G. Nikolov, E. F. Canga, J. J. Lewis, A. Loza, D. R. Bull, C. N. Canagarajah, *Adaptive Multi-Sensor Image Fusion Using Wavelets: Algorithms and System Design, in Advances and Challenges in Multisensor Data and Information Processing*, E. Lefebvre (Ed.), Volume 8, NATO Security through Science Series: Information and Communication Security, IOS Press, The Netherlands, April 2007, pp 243-251
4. Loza, T. Dixon, E. F. Canga, S. G. Nikolov, *Methods for Fused Image Assessment, in Advances and Challenges in Multisensor Data and Information Processing*, E. Lefebvre (Ed.), Volume 8, NATO Security through Science Series: Information and Communication Security, IOS Press, The Netherlands, April 2007, pp 252-259
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6. Goshtasby and S. G. Nikolov (Guest Eds.), *Special Issue of the Information Fusion journal on Image Fusion: Advances in the State-of-the-Art*, The International Journal on Multi-Sensor, Multi-Source Information Fusion, Elsevier, Advances in the State-of-the-Art, Elsevier Science Publishers, Amsterdam, Vol. 8, Issue 2, 2007
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8. S. G. Nikolov, P. R. Hill, D. R. Bull, C. N. Canagarajah, *Wavelets for Image Fusion*, in Wavelets in Signal and Image Analysis, A. Petrosian and F. Meyer (Eds.), Computational Imaging and Vision Series, Vol. 19, Kluwer Academic Publishers, Dordrecht, The Netherlands, 2001, pp 213-244
9. S. G. Nikolov, M. Wolkenstein, H. Hutter, *Wavelet Analysis and Processing of 2-D and 3-D Analytical Images*, in Wavelets in Chemistry, B. Walczak (Ed.), Data Handling in Science and Technology Series,

[Theses]

1. S. G. Nikolov, *Wavelet Transform Algorithms for Analytical Data Processing*, Ph.D. thesis, Vienna University of Technology, Austria, 1996
2. S. G. Nikolov, *Multispectral Image Enhancement*, M.Sc. thesis, Sofia University, Bulgaria, 1992

[Refereed and Invited Journal and Conference Papers]

1. J. L. Gómez Barroso, M. Bacigalupo, S. G. Nikolov, R. Compañó, C. Feijóo, *Factors Required for Mobile Search Going Mainstream*, in Online Information Review 36(6), 2012, pp 846-857
2. S. Nikolopoulos, S. G. Nikolov, I. Kompatsiaris, *Study on Mobile Image Search*, in the Proceedings of the 2011 NEM Conference, Torino, Italy, 27-29 September 2011
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4. M. Bacigalupo, R. Compañó, S. G. Nikolov, J. L. Gómez-Barroso, C. Feijóo, *To Search or Not to Search: Where is the Mobile Search Market Heading?*, Proceedings of the International Telecommunications Society (ITS) 18th Biennial and Silver Anniversary Conference, Tokyo, Japan, 27-30 June 2010
5. S. G. Nikolov, R. Compañó, M. Bacigalupo, J. L. Gómez-Barroso, C. Feijóo, *What is Missing for the Full Deployment of Mobile Search Services? Results from a Survey with Experts*, Proceedings of CTTE 2010 Conference, Ghent, Belgium, 7-9 June 2010
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1. T. D. Dixon, E. Fernandez-Canga, S. G. Nikolov, T. Troscianko, J. Noyes, D. R. Bull, C. N. Canagarajah, *Soldier Detection and Soldier Location: Image Fusion and Compression in Two Scene Perception Tasks*, Book of Abstracts, Vision Sciences Society (VSS) 2007 Conference, Sarasota, FL, USA, 11-16 May, 2007
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