List of Publications
Horst Bischof

January 2, 2013

1 Books/Editor

[1] Horst Bischof and Walter Kropatsch, editors. *Pattern Recognition 1992*, volume 62 of *OCG-Schriftenreihe*. Oldenbourg, 1992.

[2] Walter Kropatsch and Horst Bischof, editors. *Mustererkennung 1994*, volume 5 of *Informatik Xpress*. Springer Verlag Berlin, 1994.

[3] Horst Bischof. *Pyramidal Neural Networks*. Lawrence Erlbaum Associates, 1995.

[4] W.G. Kropatsch and H. Bischof, editors. *Digital Image Analysis: Selected Techniques and Applications*. Springer New York, 2001.

[5] G. Dorffner, H. Bischof, and K. Hornik, editors. *Artifical Neural Networks-ICANN 2001*, volume 2130 of *LNCS*. Springer, 2001.

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[7] A. Leonardis and H. Bischof, editors. *Special Issue Pattern Recognition: Kernel and Subspace Methods for Computer Vision*, volume 36, 2003.

[8] A. Leonardis and H. Bischof, editors. *Proc. of the ECCV04 Workshop on Statistical Learning in Computer Vision*, 2004.

[9] A. Hanbury and H. Bischof, editors. *Proceedings of the 10th Computer Vision Winter Workshop CVWW 2005*, 2005.

[10] A. Leonardis, H. Bischof, and A. Pinz, editors. *Computer Vision-ECCV 2006, 9th European Conference on Computer Vision*, number 3951–3954 in LNCS. Springer, 2006.

[11] F. Porikli, H. Bischof, and H. Grabner, editors. *3rd IEEE On-line Learning for Computer Vision Workshop*. IEEE, 2009.

[12] Axel Pinz, Thomas Pock, Horst Bischof, and Franz Leberl, editors. *Pattern Recognition - Joint 34th DAGM and 36th OAGM Symposium, Graz, Austria, August 28-31, 2012. Proceedings*, volume 7476 of *Lecture Notes in Computer Science*. Springer, 2012.

2 Journal Papers

[1] Horst Bischof, Werner Schneider, and Axel Pinz. Multispectral classification of landsat-images using neural networks. *IEEE Transactions on Geoscience and Remote Sensing*, 30(3):482–490, 1992.

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[6] Andreas Weingessel, Horst Bischof, Kurt Hornik, and Friedrich Leisch. Adaptive combination of PCA and VQ networks. *IEEE Transactions on Neural Networks*, 8(5):1208–1211, 1997.

[7] Horst Bischof and Aleš Leonardis. Finding optimal neural networks for land use classification. *IEEE Trans. Geoscience and Remote Sensing*, 36(1):337–341, 1998.

[8] Horst Bischof. Locality, modularity, and computational neural networks. *Behavioral and Brain Sciences*, 20(3):516–517, 1997.

[9] Aleš Leonardis and Horst Bischof. An efficient MDL-Based construction of RBF networks. *Neural Networks*, 11(5):963–973, July 1998.

[10] Walter G. Kropatsch, Aleš Leonardis, and Horst Bischof. Hierarchical, adaptive, and robust methods for image understanding. *Surveys on Mathematics for Industry*, 9:1–47, 1999.

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[15] T. Melzer, M. Reiter, and H.Bischof. Appearance models based on kernel canonical correlation analysis. *Pattern Recognition, Special Issue on Kernel and Subspace Methods for Computer Vision*, 36(9):1961–1971, 2003.

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3 Book chapters

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4 Conferences (peer reviewed)

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