Publications

Journal Papers:

[1] S.J. Wang, <u>L.C. Kuo</u>, H.H. Jong, and Z.H. Wu, "Representing Images Using Verge Points on Image Surfaces," in *IEEE Transactions on Image Processing,* 12 pages. (to be published)

[2] <u>L.C. Kuo</u> and S.J. Wang, "An Edge and Corner Detector with Its Application in Image Segmentation," in *WSEAS Transactions of Information Science and Applications*, vol. 1, pp. 1534-1539, 2004.

[3] <u>L.C. Kuo</u> and S.J. Wang, "A Feature-Based Scalable Codec for Image Compression", <u>submit to</u> *IEICE Transactions on Information Systems*.

[4] <u>L.C. Kuo</u> and S.J. Wang, "A Versatile Framework for Feature-Based Image Enhancement and Editing", <u>submit to</u> *IEEE Transactions on Systems, Man, and Cybernetics.*

Conference Papers:

[5] <u>L.C. Kuo</u> and S.J. Wang, "A Flexible Architecture for Feature-Based Image Editing", in *IEEE International Conference on Acoustics, Speech, and Signal Processing,* 2005. (to be published)

[6] <u>L.C. Kuo</u> and S.J. Wang, "A Feature-Based Scalable Codec for Image Compression", in *the First International Workshop on Information Networking and Application*, 2005. (to be published by IEEE Computer Society Press)

[7] <u>L.C. Kuo</u> and S.J. Wang, "An Edge and Corner Detector with Its Application in Image Segmentation", in the 5th *WSEAS International Conference on Automation and Information*, Venice, Italy, Nov. 2004.

[8] <u>L.C. Kuo</u> and S.J. Wang, "A Versatile Framework for Feature-Based Image Enhancement and Editing**"**, *IPPR Conference on Computer Vision, Graphics and Image Processing,* Aug. 2004, Taiwan.

[9] <u>L.C. Kuo</u> and S.J. Wang, "A New Operator for Edge and Corner Detection", *Workshop on Consumer Electronics and Signal Processing*, Nov. 2004, Taiwan.

Other Publications:

[10] L.C. Kuo, Tihao Chiang, and S.J. Wang, "An Adaptive Macro-Block Based Scheme for Temporal Prediction Control in Fine Granularity Scalability Coding", *Workshop on Consumer Electronics and Signal Processing*, Nov. 2004. (selected as a candidate for the best student paper awards)