

The Chinese University of Hong Kong
Shun Hing Institute of Advanced Engineering
List of Publications Arising from SHIAE Supported Projects
(Batch 2009)

Project code	Publication
BME - 8115024	[1] Feng Huang, Tan Lee and Bastiaan Kleijn, "A method of speech periodicity enhancement based on transform-domain signal decomposition" submitted to EUSIPCO 2010, Aalborg, Denmark.
	[2] Feng Huang and Tan Lee, "Pitch estimation in noisy speech based on temporal accumulation of spectrum peaks" submitted to INTERSPEECH 2010, Makuhari, Japan.
	[3] Yujia Li and Tan Lee, "Perception-based automatic approximation of F0 contours in Cantonese Speech", submitted to INTERSPEECH 2010, Makuhari, Japan.
BME - 8115027	[1] Yang Chen, Shengyang Huang, and Emma Pickwell-MacPherson, "Frequency-wavelet domain deconvolution for terahertz reflection imaging and spectroscopy," Opt. Express 18, 1177-1190, 2010, Jan 2010. 5 year IF 4.6.
	[2] YW Sun, B M Fischer, E Pickwell-MacPherson, "The Effects of Formalin Fixing on Terahertz Image Contrast", J. Biomedical Optics , vol. 14, issue 6, p. 064017, Dec 2009. IF 3.9
	[3] MY. SY, YT. Zhang , E. Pickwell-MacPherson, "A Study of Terahertz Pulsed Imaging of Human Skin", IEEE EMBS International symposium on Medical Devices and Biosensors and Biomedical Health Engineering (MDBS-BHE) , Shenzhen, China, Dec 2009.
	[4] Y Chen, E. Pickwell-MacPherson, "Stationary-Wavelet Regularized Inverse Filtering for Terahertz Reflection Spectroscopy of Liquid Samples", MDBS-BHE , Shenzhen, China, Dec 2009.
	[5] Shengyang Huang, Y.T.Zhang, E. Pickwell-MacPherson, "Quantitative Estimation of Calculation Accuracy from Dynamic Range in Terahertz Pulsed Imaging", MDBS-BHE , Shenzhen, China, Dec 2009.
	[6] Yiwen Sun, Y.T.Zhang, E. Pickwell-MacPherson, "Terahertz Dielectric Properties of Monoclonal Antibodies to Influenza", MDBS-BHE , Shenzhen, China, Dec 2009.
MMT - 8115025	[1] William Wei-Liang Li, Ying Jun (Angela) Zhang, Anthony Man-Cho So, and Moe Z. Win, "Slow Adaptive OFDMA Systems through Chance Constrained Programming," in IEEE Transactions on Signal Processing, 2010
	[2] Ying Jun (Angela) Zhang, and Anthony Man-Cho So, "Optimal Spectrum Sharing in MIMO Cognitive Radio Networks via Semidefinite Programming," in IEEE Journal on Selected Areas in Communications, Special Issue on Advances in Cognitive Radio Networking and
MMT - 8115026	[1] Shuang ZHANG, Kun LI, Wai-Kit LO and Helen MENG, "Perception of English Suprasegmental Features by non-native Chinese Learners", Proceedings of the Fifth International Conference on Speech Prosody, Doubletree Magnificent Mile, Chicago, 2010.
	[2] Wai-Kit LO, Shuang ZHANG and Helen MENG, "Automatic Derivation of Phonological Rules for Mispronunciation Detection in a Computer-Assisted Pronunciation TrainingSystem", INTERNSPEECH2010, Chiba, Japan, 2010.
Last Updated: Sept 2010	