Project code		Publication
BME - 8115007	[1]	L.S. Xu, Max Q.-H. Meng and H.L. Ren, "Effect of Subject Size on Electromagnetic Radiation from Source in Human Body Following 2450MHz Radio Frequency Exposure," Proc. of the 2007 IEEE International Conference on Integration Technology, pp. 326-329, **March 20-23, 2007**.
	[2]	L.S. Xu, Max Q.-H. Meng and H.L. Ren, "Variation of Radiation Effects and Signal Efficiency with Distance between Electromagnetic Source and Trunk Model," Proc. of the 29th International Conference of the IEEE Engineering in Medicine and Biology Society, pp. 1184-1187, **August 22-26, 2007.**
	[3]	H.L. Ren, Max Q.-H. Meng, L.S. Xu, and X. Chen, "Radio Efficiency Evaluation of a Body Sensor Platform," Proc. of the 2007 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, ETH Zrich, Switzerland, **September 4-7, 2007**.
	[4]	L.S. Xu, Max Q.-H. Meng and H.L. Ren, "Electromagnetic Radiation from Ingested Sources the Human Intestine at the Frequency of 2.4GHz," Proc. of the 23rd Progress Electromagnetics Research Symposium, pp 893-897, Hangzhou China, **March 24-28, 2008**.
	[5]	L.S. Xu, Max Q.-H. Meng and H.L. Ren, "Applicability of Homogeneous Human Trunk Phantom in Estimating the Radiation Characteristics of Body-worn Devices," International Journal of Information Acquisition., 5(1): 65-82, **March 2008.**
	[6]	L.S. Xu, Max Q.-H. Meng Y.W. Chan, C. Hu and H.B. Wang, "Influence of Anesthetic and Dead Animal Bodies on Ingested Wireless Device," Proc. of IEEE/ASME International Conference on Advanced Intelligent Mechatronics, Xi'an China, pp. 176-180, **July 2-5, 2008**.
	[7]	L.S. Xu, Max Q.-H. Meng, H.L. Ren, Y.W. Chan, "Radiation Characteristics of Ingested Wireless Device at Frequencies from 430 MHz to 3 GHz," Proc. of the 30th Annual International Conference of the IEEE Engineering Medicine and Biology Society, Vancouver, Canada, pp. 1250-1253, **August 20-24, 2008.**
	[8]	L.S. Xu, Max Q.-H. Meng, H.L Ren, and Y.W. Chan, "Radiation Characteristics of Ingestible Wireless Devices in Human Intestine at Frequencies of 430 MHz, 800 MHz, 1.2 GHz and 2.4 GHz," IEEE Transactions on Antennas and Propagation, vol.57, no. 8, **August 2009**, pp. 2418-2428.
	[9]	L.S. Xu, Max Q.-H. Meng and B.P. Li, "Effects of Dielectric Values of Human Body on Specific Absorption Rate (SAR) Following 800 MHz Radio Frequency Exposure to Ingestible Wireless Device," Proc. of the 31th International Conference of the IEEE Engineering in Medicine and Biology Society, Minneapolis, MN, USA, **September 2-6, 2009**, pp. 5060-5063.
	[10]	Xu L.S., Max Q.-H. Meng, and Y.W. Chan, "Effects of Dielectric Parameters of Human Body on Radiation Characteristics of Ingestible Wireless Device at Operating Frequency of 430 MHz," IEEE Transactions on Biomedical Engineering, vol. 56, no. 8, **August 2009**, pp. 2083-2094.

Project code		Publication
	[11]	L.S. Xu, and Max Q.-H. Meng, "Effects of Dielectric Parameters of Human Body on SAR for Ingestible Wireless Device at Operating Frequency of 430 MHz," Proceddings of 2009 IEEE/ASME International Conference on Advanced Intelligent Mechatronics,Suntec Convention and Exhibition Center, Singapore, pp. 215-220, **July 14-17, 2009**.
	[12]	L.S. Xu, and Max Q.-H. Meng, "Effects of Increase in Dielectric Values of Human Body on Specific Absorption Rate (SAR) Following 430, 800 and 1200 MHz radio Frequency Exposure to Ingestible Wireless Device," IEEE Transactions on Information Technology in Biomedicine, **2009**
BME - 8115008	[1]	C.L. Wong, H.P. Ho, Y.K. Suen, S.K. Kong, Q.L. Chen, W. Yuan, S.Y. Wu, "Real-time protein biosensor arrays based on surface plasmon resonance differential phase imaging," Biosensors and Bioelectronics 24, pp. 606-612, **2008**.
	[2]	W. Yuan, H.P. Ho, Y.K. Suen, S.K. Kong, Chinlon Lin, "Improving sensitivity limit of surface plasmon resonance biosensors by detecting mixed interference signals", Applied Optics, 46, pp. 8068-8073, **2007**.
	[3]	C.L. Wong, H.P. Ho, T. T. Yu, Y.K. Suen, W. Y. Chow, S.Y. Wu, W.C. Law, W Yuan, W.J. Li, S.K. Kong and Chinlon Lin, "Two-dimensional biosensor arrays based on surface plasmon resonance phase imaging," Applied Optics, 46, pp. 2325-2332, **2007**.
	[4]	W. Yuan, H.P. Ho, C.L. Wong, S.K. Kong, Chinlon Lin, "Surface plasmon resonance biosensor incorporated in a Michelson interferometer with enhanced sensitivity", IEEE Sensors Journal, 7, pp. 70-73, **2007**.
	[6]	H.P. Ho, W. Yuan, C.L. Wong, S.Y. Wu, Y.K. Suen, S.K. Kong, Chinlon Lin, "Sensitivity enhancement based on application of multi-pass interferometry in phase-sensitive surface plasmon resonance biosensor," Optics Communications, 276, pp. 491-496, **2007**.
	[7]	C.L. Wong, H.P. Ho, K.S. Chan, P.L. Wong, S.Y. Wu and Chinlon Lin, "Application of 2-D spectral surface plasmon resonance imaging to studying elastohydrodynamic lubricant (EHL) films," Tribology International, 41, pp. 356-366, **2008**.
	[8]	C.L. Wong, H.P. Ho, Y.K. Suen, C. W. Yin, W.J. Li, S.K. Kong and Chinlon Lim, "Biosensor arrays based on surface plasmon resonance phase imaging," International Symposium on Biophotonics, Nanophotonics and Metamaterials, Hangzhou, China, pp. 102-105, **16-18 October 2006. (Best student paper award)**
MMT - 8115009	[1]	H. Li and K.N. Ngan, "Saliency Model based Face Segmentation and Tracking in Head-and-Shoulder Video Sequences," Journal of Visual Communications and Image Representation, Europe, vol. 19, no. 5, **July 2008,** pp. 320-333.
	[2]	H. Li, K.N. Ngan and Z. Wei, "Fast and Efficient Method for Block Edge Classification and Its Application in H.264/AVC Video Coding," IEEE Transactions on Circuits and Systems for Video Technology, U.S.A., vol. 18, no. 6, **June 2008**, pp. 756-768.
	[3]	H. Li and K.N. Ngan, "Unsupervised video segmentation with low depth of field," IEEE Transactions on Circuits and Systems for Video Technology, U.S.A., vol. 17, no. 12, **December 2007**, pp. 1742-1751.

Project code		Publication
	[4]	H. Li and K.N. Ngan, "Automatic Video Segmentation and Tracking for Content-Based Applications", IEEE Communications Magazine, U.S.A., vol. 45, no. 1, **January 2007**, pp. 27-33.
	[5]	H. Li and K.N. Ngan, "Unsupervised segmentation of defocused video based on matting model", IEEE International Conference on Image Processing, Atlanta, U.S.A., **October 2006**, pp. 1825-1828.
	[6]	Q. Liu, C. Cai, K.N. Ngan and H. Li, "Camshift Based Real-Time Multiple Faces Match Tracking", IEEE International Symposium on Intelligent Signal Processing and Communication Systems, Xiamen, China, **28 November-1 December, 2007**, pp. 726-729.
MMT - 8115010	[1]	Joyce Y. C. Chan, P. C. Ching, Tan Lee and Houwei Cao, "Automatic speech recognition of Cantonese-English code-mixing utterances," Proc. INTERSPEECH 2006, pp.113-116, Pittsburgh, USA, **September 2006.**
	[2]	Houwei Cao, P.C. Ching, Tan Lee and Ning Wang, "An Extended Cantonese-English Code-mixing Speech Corpus: exCUMIX," Proc. Oriental COCOSDA Workshop, pp.1-5, Penang, Malaysia, **December 2006.**
	[3]	Wentao Gu and Tan Lee, "Effects of tonal context and focus on Cantonese F0," In Proc. International Congress of Phonetic Sciences, pp.1033-1036, Saarbrücken, Germany, **August 2007**.
	[4]	Wentao Gu and Tan Lee, "Effects of focus on prosody of Cantonese speech - a comparison of surface feature analysis and model-based analysis," Proc. ParaLing'07, pp.59-64, Saarbrücken, Germany, **August 2007.**
	[5]	Houwei Cao, P.C. Ching and Tan Lee, "Pronunciation variation analysis for Cantonese-English code-mixing speech," Proc. Oriental COCOSDA Workshop, pp.143-148, Hanoi, Vietnam, **December 2007**.
	[6]	Yu Ting Yeung, Houwei Cao, N.H. Zheng, Tan Lee and P. C. Ching, "Language modeling for speech recognition of spoken Cantonese," Proc. INTERSPEECH **2008**, pp.1570-1573, Brisbane, Australia, .
	[7]	Jiang Cao, Xiaojun Wu, Yu Ting Yeung, Tan Lee, Thomas Fang Zheng, "Automatic collecting of text data for Cantonese language modeling," Proc. Oriental COCOSDA Workshop, Kyoto, Japan, **November 2008**.
	[8]	Wentao Gu, Tan Lee and P.C. Ching, "Prosodic variation Cantonese-English code-mixed speech," Proc. ISCSLP 2008, Kunming, China, **December 2008**.
	[9]	Nengheng Zheng, Houwei Cao, Tan Lee, P.C. Ching and Xia Li, "Deriving MFCC parameters from the dynamic spectrum for robust speech recognition,"Proc. ISCSLP 2008, Kunming, China, **December 2008**.
Last Updated: December 2008		