

## List of Publications

### □ Journal Papers:

1. **Cheng-Yuan Lin** and J.-S. Roger Jang, “Automatic Phonetic Segmentation by Score Predictive Model for the Corpora of Mandarin Singing Voices,” accepted by *IEEE Trans. on Audio, Speech and language processing*, 2007. (SCI, EI)
2. **Cheng-Yuan Lin**, J.-S. Roger Jang and Pei-Chi Jao, “An Emotional Transformation Model for Chinese Expressive Speech Synthesis: from Neutral to Anger,” *Speech Communication*, 2007. (Under the second review). (SCI, EI)
3. **Cheng-Yuan Lin**, J.-S. Roger Jang and Kuan-Ting Chen, “Automatic Segmentation and Labeling for Mandarin Chinese Speech Corpora for Concatenation-based TTS,” *International Journal of Computational Linguistics and Chinese Language Processing*, Vol. 10, No. 2, pp. 145–166, 2005.
4. **Cheng-Yuan Lin**, and J.-S. Roger Jang, “A Two-Phase Pitch Marking Method for TD-PSOLA Synthesis,” *GESTS International Transaction on Speech Science and Engineering*, Vol. 1, No. 2, pp. 211–221, 2004. (Invited paper)
5. Jyh-Shing Roger Jang, Hong-Ru Lee, Jiang-Chuen Chen and **Cheng-Yuan Lin**, “Research and Development of an MIR Engine with Multi-modal Interface for Real-world Applications in East Asia,” *Journal of the American Society for Information Science and Technology*, Vol. 55, No. 12, pp. 1067–1076, 2004. (Invited paper) (SCIE)

### □ Referred Conference Papers:

1. **Cheng-Yuan Lin**, Pei-Chi Jao and J.-S. Roger Jang, “Effective Initial/Final Duration Prediction Method for Corpus-based Singing Voice Synthesis of Mandarin Chinese,” to appear in *Proc. Eurospeech*, 2007. (EI)
2. **Cheng-Yuan Lin** and J.-S. Roger Jang, “Automatic Phonetic Segmentation by Using a SPM-based Approach for a Mandarin Singing Voice Corpus,” in *Proc. ICSLP*, pp. 1489–1492, 2006. (EI)

3. **Cheng-Yuan Lin**, Tzu-Ying Lin and J.-S. Roger Jang, “A Corpus-based Singing Voice Synthesis System for Mandarin Chinese,” in *Proc. ACM Multimedia*, pp. 359–362, 2005. (Short paper, acceptance rate 29%) (EI)
4. **Cheng-Yuan Lin**, Kuan-Ting Chen and J.-S. Roger Jang, “A Hybrid Approach to Automatic Segmentation and Labeling for Mandarin Chinese Speech Corpus,” in *Proc. Eurospeech*, pp. 1553–1556, 2005. (EI)
5. **Cheng-Yuan Lin**, J.-S. Roger Jang, “A Two-Phase Pitch Marking Method for TD-PSOLA Synthesis,” in *Proc. ICSLP*, pp. 1189–1192, 2004. (EI)
6. **Cheng-Yuan Lin**, J.-S. Roger Jang and Mao-Yuan Hsu, “An Automatic Singing Voice Rectifier Design,” in *Proc. ACM Multimedia*, pp. 267–270, 2003. (Short paper, acceptance rate 17%) (EI)
7. **Cheng-Yuan Lin** and J.-S. Roger Jang, “New Refinement Schemes for Voice Conversion,” in *Proc. ICME*, pp. 725–728, 2003. (EI)
8. **Cheng-Yuan Lin**, J.-S. Roger Jang and Shaw-Hwa Hwang, “An On-The-Fly Mandarin Singing Voice Synthesis System,” in *Proc. IEEE PCM*, pp. 631–638, 2002.

