

102 年 4 月 通過 學術審查

96 學年度入學 (博七)

Conference paper

1. **Yuan-Ying Chang**, Yoshi S.C. Huang, Matthew Poremba, Vijaykrishnan Narayanan, Yuan Xie, and Chung-Ta King, "TS-Router: On Maximizing the Quality-of-Allocation in the On-Chip Network", accepted by the 19th IEEE International Symposium on High-Performance Computer Architecture (HPCA-19). (51/249)
2. **Yuan-Ying Chang**, Yoshi S.C. Huang, Vijaykrishnan Narayanan, and Chung-Ta King, "ShieldUS: A Novel Design of Dynamic Shielding for Eliminating 3D TSV Crosstalk Coupling Noise," accepted by the 18th Asia and South Pacific Design Automation Conference (ASP-DAC) (97/311)
3. Yoshi S.C. Huang, Yu-Chi Chang. Tsung-Chan Tsai, **Yuan-Ying Chang**, and Chung-Ta King, "Attackboard: A Novel Dependency-Aware Traffic Generator for Exploring NoC Design Space," in the Proceedings of the 49th Design Automation Conference (DAC), San Francisco, CA, June 2012. (164/741)
4. Yoshi S.C. Huang, Huan-Yu Liu, **Yuan-Ying Chang**, and C.T. King, "Floodgate: Application-Driven Flow Control in Network-on-Chip for Many-Core Architectures," accepted by the 4th International Workshop on Network on Chip Architectures (NoCArc'11) held in conjunction with the 44th Annual IEEE/ACM International Symposium on Microarchitecture (MICRO-44), Dec. 2011.
5. Po-Hui Chen, Chung-Ta King, **Yuan-Ying Chang**, Shau-Ying Tseng, "Multiprocessor System-on-Chip Profiling Architecture: Design and Implementation", Proc. of IEEE Int'l Conf. on Parallel and Distributed Systems (ICPADS 2009), Dec. 2009.

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Journal Papers:

1. [Ming-Hong Bai](#), Keh-Jiann Chen, and Jason S. Chang. 2006. Sense Extraction and Disambiguation for Chinese Words form Bilingual Terminology Bank. *International Journal of Computational Linguistics and Chinese Language Processing*, 11(3):223-244. (THCI core)

Conference Papers:

1. [Ming-Hong Bai](#), Yu-Ming Hsieh, Keh-Jiann Chen, and Jason S. Chang. DOMCAT: A Bilingual Concordancer for Domain-Specific Computer Assisted Translation. In *Proc. of The 50th Annual Meeting of the Association for Computational Linguistics (ACL 2012)*, pp.55-60.
2. Yu-Ming Hsieh, [Ming-Hong Bai](#), Jason S. Chang, and Keh-Jiann Chen, Improving PCFG Chinese Parsing with Context-Dependent Probability Re-estimation, In *Proc. of the Second CIPS-SIGHAN Joint Conference on Chinese Language Processing (CLP 2012)*, pp. 216-221.
3. Hung-Ting Hsieh, Chung-Chi Huang, Mei-Hua Chen, [Ming-Hong Bai](#), Jason S. Chang, and Keh-jiann Chen, An In-Page Computer-Assisted Translation Tool for Specific Domain. In *Proc. of the Tenth Biennical Conference of the Association for Machine Translation in the Americas (AMTA 2012)*.
4. [Ming-Hong Bai](#), Jia-Ming You, Keh-Jiann Chen, and Jason S. Chang. 2009. Acquiring Translation Equivalences of Multiword Expressions by Normalized Correlation Frequencies. In *Proc. of Empirical Methods in Natural Language Processing (EMNLP 2009)*, pp.478-486. (Acceptance rate: 96/475=20%, Google scholar citation: 7)
5. [Ming-Hong Bai](#), Keh-Jiann Chen, and Jason S. Chang. Improving Word Alignment by Adjusting Chinese Word Segmentation. In *Proc. of The Third International Joint Conference on Natural Language Processing (IJCNLP 2008)*, pp.249-256. (Acceptance rate: 75/270=28%, Google scholar citation: 6)
6. [Ming-Hong Bai](#), Keh-Jiann Chen, and Jason S. Chang. Sense Extraction and

Disambiguation for Chinese Words from Bilingual Terminology Bank. In *Proc. of the 17th Conference on Computational Linguistics and Speech Processing (ROCLING 2005)*, pp.305-316.

7. Chu-Ren Huang, Adam Kilgarriff, Yicing Wu, Chih-Min Chiu, Simon Smith, Pavel Rychly, [Ming-Hong Bai](#), and Keh-Jiann Chen. 2005. Chinese Sketch Engine and the Extraction of Grammatical Collocations. In *Proceedings of the Fourth SIGHAN Workshop on Chinese Language Processing (SIGHAN 2005)*, pp.48-55. (Google scholar citation: 21)

Submitted Papers:

1. [Ming-Hong Bai](#), Yu-Ming Hsieh, Keh-Jiann Chen, and Jason S. Chang. Translating Chinese Unknown Words by Automatically Acquired Templates. Submitted to *the 51st Annual Meeting of the Association for Computational Linguistics*. (ACL 2013)
2. Yu-Ming Hsieh, [Ming-Hong Bai](#), Keh-Jiann Chen, and Jason S. Chang. Improving PCFG Chinese Parsing with Special-Case Probability Re-estimation. Submitted to *the 51st Annual Meeting of the Association for Computational Linguistics*. (ACL 2013)

Technical Reports:

1. Shu-Ling Huang, Yueh-Yin Shih, Yi-Jun Chen, Su-Chu Lin, You-Shan Chung, [Ming-Hong Bai](#), and Keh-Jiann Chen. 2009. Lexical Semantic Representation and Semantic Composition. An Introduction to E-HowNet. *CKIP group, Institute of Information Science, Academia Sinica*.