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Education

- PhD, Industrial and Information Management, National Cheng-Kung University, 2005/5
- Master, Department of Information Management, National Chiao-Tung University, 1994/6

Area of Specialty

ERP, Knowledge Management, Fuzzy Decision Making

Academic Experience

- Associate Professor, Department of Information Management, Southern Taiwan University, 2006/1 to present
- Assistant Professor, Department of Information Management, Southern Taiwan University, 2005/6 to 2005/12
- Instructor, Department of Information Management, Southern Taiwan University, 1994/8 to 2005/5

Publications

Journal Papers:

1. Victor B. Kreng, Chao-Yi Wu, I-Chiang Wang (2011) "Strategic justification of advanced manufacturing technology using extended AHP model," *The International Journal of Advanced Manufacturing Technology*, 52(9-11), 1115-1260. **[SCI]**
2. Victor B. Kreng, Chao-Yi Wu (2007) "Evaluation of knowledge portal development tools using a fuzzy AHP approach: The case of Taiwanese stone industry," *European Journal of Operational Research*, 176(3), 1795-1810. **[SCI]**
3. Victor B. Kreng, Chao-Yi Wu (2003) "An AHP group decision fusion model by fuzzy integral," *Journal of Management - Chinese Management Association*, 20(2), 201-218. **[TSCI]**

Conference Papers:

1. Chao-Yi Wu, Ching-Yi Wang, Guan-Yu Lin, 2011. Evaluating Individual Knowledge Item based on utility and time value with the application on performance. The Seventh International Conference on Knowledge-Based Economy & Global Management, Tainan, Taiwan.
2. Chao-Yi Wu, Ching-Yi Wang, Chia-Hua Chang, Ching-Hui Hsu, 2010. Investigating the usage of multiple service channels of the security companies in Tainan Area and developing a framework of a multi-channel CRM system. 2010 Symposium on Global Business Operation and Management. (in Chinese)
3. Chao-Yi Wu, Ching-Yi Wang, Chia-Hua Chang, Chen-Han Lin, 2010. Evaluating knowledge item based on the value of enterprise. 2010 International Conference on Advanced Information Technologies. (in Chinese)
4. Chao-Yi Wu, Chen-Han Lin, 2009. Developing a knowledge evaluation model based on value and performance of enterprise. E-learning and Information Technology Symposium 2009. (in Chinese)
5. Chao-Yi Wu, Chung-Yu Kuo, 2009. A tag-based merchandise recommendation system for personal in online shopping. E-learning and Information Technology Symposium 2009. (in Chinese)
6. Chao-Yi Wu, 2009. A case study on the ERP system transfer of a growing small-size company in Taiwan. 2009 International Conference On The Development And Practice Of Enterprise Resource Management. (in Chinese)
7. Chao-Yi Wu, Ching-Hui Hsu, 2009. An investigation of the usage of multiple service channels of the security companies in Tainan Area. 2009 International Conference on the Development and Practice of Enterprise Resource Management. (in Chinese)
8. Chao-Yi Wu, Kuan-Yu Lin, 2008. A knowledge evaluation model based on AHP. E-learning and Information Technology Symposium 2008. (in Chinese)
9. Chao-Yi Wu, Chao-Ming Yang, 2008. Using artificial neural network to forecast the traffic of a mobile communication station. E-learning and Information Technology Symposium 2008. (in Chinese)
10. Victor B. Kreng, Chao-Yi Wu, 2002. An enhanced analytical hierarchical process for group decision. The Eighth Asia Pacific Management Conference – Indigenizing globalization Strategy in the 21st Century, Hong-Kong.
11. Chao-Yi Wu, 2002. An agent-based framework for knowledge management system. The 17th National Technical and Vocational Education Conference. (in Chinese)
12. Victor B. Kreng, Chao-Yi Wu, 2000. Analyzing the requirements of high-tech companies for neighborhood resources in Taiwan's science park. The 15th National Technical and Vocational Education Conference. (in Chinese)

Dissertation

Chao-Yi Wu (2005) "A Study on Group Decision Fusion of AHP," Ph.D. Dissertation,
National Cheng Kung University

Honors and Awards

- *The Best Paper of Year 2003* , An AHP group decision fusion model by fuzzy integral,
Journal of Management - Chinese Management Association, 2003.

Professional Certifications

- MTA Database Administration Fundamentals, Microsoft, 2011.
- MTA Networking Fundamentals, Microsoft, 2011.
- MTA Software Development Fundamentals (VB), Microsoft, 2011.
- *Security 5 Version 1*, No: ECC941950, EC-Council, 2010.
- *ITIL V3 Foundation Examination*, No: 00123132-01-V4CX, APM Group, 2009.
- *Solution Consultant SAP Business One (2005)*, No: 0005772107, SAP, 2008.