

# CURRICULUM VITAE

## Personal Information

Name	Lee, Amy Hsin-I
Position	Professor
Nationality	Taiwan, Republic of China
Postal Address	No. 707, Sec. 2, WuFu Rd., Hsin Chu, Taiwan 300, R.O.C. Chung Hua University, Department of Technology Management
Phone No.	+886-3-518-6582
Fax No.	+886-518-6593
E-mail	amylee@chu.edu.tw

## Educations

Ph.D., Department of Industrial Engineering and Management, NCTU  
(1998.09-2004.05)

## Specialties

Performance evaluation, Decision analysis, Supply chain management, Operations management

## Teaching

### Undergraduate Courses:

Fall 2011: Accounting (IM), Special Topics Technology Management (II) (TM),  
Accounting (TM)

Spring 2012:

### Graduate Courses:

Fall 2011: Special Topic in Financial statement Analysis (TM), Financial Accounting  
(TM)

Spring 2012:

## Professional Experiences

Professor, Department of Technology Management, Chung Hua University  
(2010.02-Present)

Professor, Department of Industrial Management, Chung Hua University  
(2008.08-Present)

Associate Professor, Department of Industrial Engineering and System Management,

Chung Hua University (2005.01-2008.08)

Assistant Professor, Department of Industrial Engineering and System Management,  
Chung Hua University (2004.08-2005.01)

Lecturer, Department of Industrial Management, Chung Hua University  
(1993.08-2004.07)

\* The Department of Industrial Management previously was the Department of  
Industrial Engineering and System Management.

## **Five-Year Summary of Intellectual Contributions**

### **I. Peer Reviewed Journal Papers**

1. Amy H. I. Lee, Chun-Yu Lin, 2011.3 "An integrated fuzzy QFD framework for new product development", *Flexible Services and Manufacturing Journal*, Vol 23, issue 1, pp. 26-47, EI(Compendex),SCI.
2. Amy H. I. Lee, Chih-Neng Yang, Chun-Yu Lin, 2011.5 "The construction of an evaluation model for after-school programs", *Advances in Information Sciences and Service Sciences*, Vol 3, issue 4, pp. 147-154, EI(Compendex).
3. Amy H. I. Lee, Tsun-Hung Huang, He-Yau Kang, 2008.8 "A priority mix planning model for semiconductor fabrication under an uncertain information environment", *Journal of Information & Optimization Sciences*, Vol 29, issue 2, pp. 377-400, EI.
4. Amy H. I. Lee, Hsing Hung Chen, He-Yau Kang, Xiaoqiang Xing, Yunhuan Tong, 2008.3 "Developing new products with knowledge management methods and process development management in a network", *Computers in Industry*, Vol 59, pp. 242-253, EI,SCI.
5. Amy H. I. Lee, Hsing Hung Chen, Yunhuan Tong, 2008.1 "Strategic management of new products development at technological conglomerate network using expert support systems", *International Journal of Management and Decision Making*, Vol 9, issue 1, pp. 16-30, EI.
6. Amy H. I. Lee, 2009, "A fuzzy AHP evaluation model for buyer-supplier relationships with the consideration of benefits, opportunities, costs and risks," *International Journal of Production Research*, Vol. 47, No. 15, 4255-4280. (SCI) (NSC 96-2416-H-216-002) ( **2009 I.F.= 0.803** )
7. Amy H. I. Lee, 2009, "A fuzzy supplier selection model with the consideration of benefits, opportunities, costs and risks," *Expert Systems with Applications*, Vol. 36, 2879-2893. (SCI) (NSC 96-2416-H-216-002) ( **2009 I.F.= 2.908** )
8. Amy H. I. Lee, Hsing Hung Chen and He-Yau Kang, 2011, "A model to analyze strategic products for photovoltaic silicon thin-film solar cell power industry," *Renewable and Sustainable Energy Reviews*, 15, 1271-1283 (SCI). ( **2009 I.F.= 4.842** )
9. Amy H. I. Lee, He-Yau Kang, Cheng-Yan Yang and Chun-Yu Lin (student), 2010, "An evaluation framework for product planning using FANP, QFD and multi-choice goal programming," *International Journal of Production Research*, Vol. 48, No. 13, 3977-3997. (SCI) (NSC 97-2410-H-216-010)( **2009 I.F.= 0.803** )
10. Amy H. I. Lee, Chun-Yu Lin (student), Shu-Ru Wang (student), Ying-Mei Tu, 2010, "The construction of a comprehensive model for production strategy evaluation," *Fuzzy Optimization and Decision Making*, Vol. 9, No. 2, 187-217.

(SCI) ( **2009 I.F.= 1.059** )

11. Amy H. I. Lee, Wei-Ming Wang (student) and Tsai-Ying Lin (student), 2010, "An evaluation framework for technology transfer of new equipment in high technology industry," *Technological Forecasting & Social Change*, Vol. 77, 135-150. (SSCI) ( **2009 I.F.= 1.776** )
12. Wei-Ming Wang (Student), Amy H. I. Lee (Corresponding Author) and Ding-Tsair Chang, 2010, "An integrated FDM-ANP evaluation model for sustainable development of housing community," *Optimization Letters*, Vol. 4, No. 2 (2010), 239-257. (SCI) ( **2009 I.F.= 0.926** ) (NSC 96-2415-H-216-005-SSS)
13. Hsing Hung Chen, Amy H. I. Lee (Corresponding Author) and He-Yau Kang, 2010, "A model for strategic selection of feeder management systems: a case study," *International Journal of Electrical Power and Energy Systems*, Vol. 32, No. 5, 421-427. (SCI) ( **2009 I.F.= 1.613** )
14. Amy H. I. Lee, Chiou-Shuei Wei (student) and Yu-Cheng Lee, 2010, "An approach for modeling the risk transformation," *International Journal of Industrial Engineering- Theory, Application, and Practice*, Vol. 17, No.1, 1-11. (SCI) ( **2008 I.F.=0.123** )
15. He-Yau Kang and Amy H. I. Lee (Corresponding Author), 2010, "Inventory replenishment model using fuzzy multiple objective programming: A case study of a high-tech company in Taiwan," *Applied Soft Computing*, Vol. 10, 1108-1118. (SCI) ( **2009 I.F.= 2.415** )
16. He-Yau Kang and Amy H. I. Lee (Corresponding Author), 2010, "A new supplier performance evaluation model: a case study of integrated circuit (IC) packaging companies," *Kybernetes*, Vol. 39, No. 1, 37-54. (SCI) (NSC 95-2416-H-216-003) ( **2009 I.F.= 0.308** )
17. Hsing Hung Chen, He-Yau Kang and Amy H. I. Lee (Corresponding Author), 2010, "Strategic selection of suitable projects for hybrid solar-wind power generation systems," *Renewable & Sustainable Energy Reviews*, 14, 413-421. (SCI) ( **2009 I.F.= 4.842** )
18. Hsing Hung Chen and Amy H. I. Lee (Corresponding Author), 2010, "Solutions for conflicts between variant product strategies and their performance evaluation," *African Journal of Business Management*, Vol. 3, No. 12, 807-818. (SSCI) ( **2009 I.F.= 1.105** )
19. Li-Hsing Ho, Cheng-Wei Chung, Huan-Tun Chen and Amy H. I. Lee (Corresponding Author), 2010, "The effects of government SMS in Taiwan," *International Journal of Technology Management*, Vol. 51, No. 1, 22-38. (SSCI) ( **2009 I.F.= 0.419** )
20. Mou-Yuan Liao, He-Yau Kang, Amy H. I. Lee and Chien-Wei Wu, 2010, "Capability testing based on subsamples: a case on photolithography process control in wafer fabrication," *Journal of Testing and Evaluation*, Vol. 38, No. 2, 1-10. (SCI) ( **2009 I.F.= 0.366** )
21. Wei-Ming Wang (student), Amy H. I. Lee and Ding-Tsair Chang, 2010, "An integrated FA-FEAHP approach on the social indicators of Taiwan's green building," *International Journal of Global Business and Economics Review*, Vol. 11, Nos. 3/4, 304-316. (NSC 97-2410-H-216-008)
22. Amy H. I. Lee, Hsing-Jen Chang (student) and Chun-Yu Lin (student), 2009, "An evaluation model of buyer-supplier relationships in high-tech industry—the case of an electronic components manufacturer in Taiwan," *Computers and Industrial Engineering*, Vol. 57, 1417-1430. (SCI) (NSC 96-2416-H-216-002)

( **2009 I.F.= 1.491** )

23. W. L. Pearn, H. Y. Kang, A. H. I. Lee (Corresponding Author), M. Y. Liao, 2009, "Photolithography control in wafer fabrication based on process capability indices with multiple characteristics," *IEEE Transactions on Semiconductor Manufacturing*, Vol. 22, No. 3, 351-356. (SCI) ( **2009 I.F.= 1.007** )
24. Amy H. I. Lee, Hsing Hung Chen, He-Yau Kang, 2009, "Operations management of new project development: innovation, efficient, effective aspects," *Journal of the Operations Research Society*, Vol. 60, No. 6, 799-809. (SSCI) ( **2009 I.F.= 1.009** )
25. Amy H. I. Lee, Hsing Hung Chen and He-Yau Kang, 2009, "Multi-criteria decision making on strategic selection of wind farms," *Renewable Energy*, Vol. 34, No.1, 120-126. (SCI) ( **2009 I.F.= 2.226** )
26. Amy H. I. Lee, He-Yau Kang, Chang-Fu Hsu and Hsiao-Chu Hung, 2009, "A green supplier selection model for high-tech industry," *Expert Systems with Applications*, 36, 7917-7929. (SCI) (NSC 96-2416-H-216-002) ( **2009 I.F.= 2.908** )
27. Amy H. I. Lee, He-Yau Kang and Ching-Ter Chang, 2009, "Fuzzy multiple goal programming applied to TFT-LCD supplier selection by downstream manufacturers," *Expert Systems with Applications*, 36, 6318-6325. (SCI) (NSC 95-2416-H-216-003) ( **2009 I.F.= 2.908** )
28. Amy H. I. Lee, Hsing Hung Chen and Yunhuan Tong, 2008, "Developing new products in a network with efficiency and innovation," *International Journal of Production Research*, Vol. 48, No. 17, 4687-4707. (SCI) (NSC-95-2416-H-003) ( **2008 I.F.=0.774** )
29. Amy H. I. Lee and He-Yau Kang, 2008, "A mixed 0-1 integer programming for inventory model: A case study of TFT-LCD manufacturing company in Taiwan," *Kybernetes*, Vol. 37, No. 1, 66-82. (SCI) ( **2008 I.F.= 0.235** )
30. Hsing Hung Chen, Amy H. I. Lee (Corresponding Author), Hai-zheng Wang and Yunhuan Tong, 2008, "Operating NPD innovatively with different technologies under a variant social environment," *Technological Forecasting & Social Change*, Vol. 75, 385-404. (SSCI) ( **2008 I.F.= 1.761** )
31. Shu-Hsing Chung, Amy H. I. Lee (Corresponding Author), He-Yau Kang and Chih-Wei Lai, 2008, "A DEA window analysis on the product family mix selection for a semiconductor fabricator for a semiconductor fabricator," *Expert Systems with Applications*, Vol. 35, 379-388. (SCI) (NSC 93-2213-E-009-017) ( **2008 I.F.= 2.596** )
32. Shu-Hsing Chung, Amy H. I. Lee (Corresponding Author), Chun-Ying Huang and Chia-Chien Chuang, 2008, "Capacity pricing mechanism for wafer fabrication," *Computers and Industrial Engineering*, Vol. 55, No. 4, 647-662. (SCI) (NSC-90-2622-E-009-001) ( **2008 I.F.= 1.057** )
33. Amy H. I. Lee, Wen-Chin Chen and Ching-Jan Chang, 2008, "A fuzzy AHP and BSC approach for evaluating performance of IT department in the manufacturing industry in Taiwan," *Expert Systems with Applications*, Vol. 34, 96-107. (SCI) ( **2008 I.F.= 2.596** )
34. Shu-Hsing Chung, Chun-Ying Huang and Amy H. I. Lee, 2008, "Heuristic algorithms to solve the capacity allocation problem in photolithography area (CAPPA)", *OR Spectrum*, Vol. 30, No. 3, 431-452. (SCI) ( **2008 I.F.= 1.057** )
35. Hsing Hung Chen, Amy H. I. Lee and Yunhuan Tong, 2007.8, "Prioritization and operations NPD mix in a network with strategic partners under uncertainty,"

*Expert Systems with Applications*, Vol. 33, 337-346. (SCI) (2007 I.F.=1.177)

36. 李欣怡、李松喬(student)，2009,“虛擬專案團隊管理模式之建構”，專案管理學刊，Vol. 2, No. 1, 43-72.
37. 李欣怡、魏秋水(student)、李友錚、紀勝財，2008,“專案延遲極小化的活動工時緩衝設計”，專案管理學刊，Vol. 1, No. 2, 74-96.

## II. Peer Reviewed Proceedings

1. He-Yau Kang, Chun-Mei Lai, Amy H. I. Lee, Wan-Yu Hong, 2011.6 "An effective genetic algorithm for lot-sizing problem with quantity discount", 21st International Conference of Flexible Automation and Intelligent Manufacturing, Taichung, Taiwan, R.O.C.
2. 黃貞美, 李欣怡, 林俊宇, 2011.5 "運用分析層級程序法於國小優良教師評選之研究", 2011 行銷與物流管理實務研討會, 台南市, 中華民國.
3. Amy H. I. Lee, He-Yau Kang, Chun-Yu Lin, 2010.5 "A multiple-criteria supplier evaluation model", IEEE 2010 International Symposium on Computer, Communication, Control and Automation (3CA), Tainan, Taiwan.
4. Wei-Ming Wang, Amy H. I. Lee, Zih-Ling Wu, 2010.7 "ANP with BOCR applied to project selection of district revitalization and regeneration", International Conference on Business and Information 2010, Kitakyushu, Japan.
5. Shun-Chien Chen, Amy H. I. Lee, 2010.5 "Performance measurement of SMEs' employees by fuzzy multi-criteria decision theory", IEEE 2010 International Symposium on Computer, Communication, Control and Automation (3CA), Tainan, Taiwan.
6. 王維民, 李欣怡, 吳子鈴, 2009.12 "多屬性決策分析應用於地區活化再生評價模式建構之初探", 2009 年中華民國都市計劃學會、區域科學學會、地區發展學會聯合年會暨學術論文研討會, 台北市, 中華民國.
7. Amy H. I. Lee, He-Yau Kang, Tzu-Chiang Liu, Wei-Ming Wang, 2007.11 "A buyer-supplier relationship evaluation model with the consideration of benefits, opportunities, costs and risks", The 13th Asia Pacific Management Conference, Melbourne, Australia.
8. Amy H. I. Lee, He-Yau Kang, Chun Yu Lin (student), March 22-24, 2011, "A fuzzy ANP supplier selection model", *The Conference on Engineering and Business Management (EBM 2011)*, Wuhan, China. (in Chinese) (ISTP Conference)
9. Che Che Huang (student), Amy H. I. Lee (Corresponding Author), Chun Yu Lin (student), March 22-24, 2011, "Evaluation of renewable energy development in Taiwan", *The Conference on Engineering and Business Management (EBM 2011)*, Wuhan, China. (in Chinese) (ISTP Conference)
10. Chun-Yu Lin (student), Amy H. I. Lee (Corresponding Author), March 22-24, 2011, "New product development for green and low-carbon products – A case study of Taiwan's TFT-LCD industry", *The Conference on Engineering and Business Management (EBM 2011)*, Wuhan, China. (in Chinese) (ISTP Conference)

11. Hsin Wei Wu (student), Amy H. I. Lee (Corresponding Author), Chun Yu Lin (student), March 22-24, 2011, "The construction of green supplier selection model", *The Conference on Engineering and Business Management (EBM 2011)*, Wuhan, China. (in Chinese) (ISTP Conference)
12. Chih-Neng Yang (student), Amy H. I. Lee, March 22-24, 2011, "A customer satisfaction analysis by applying analytic hierarchy process (AHP)- An example of hypermarket", *The Conference on Engineering and Business Management (EBM 2011)*, Wuhan, China. (in Chinese) (ISTP Conference)
13. Amy H. I. Lee, He-Yau Kang, Chun-Yu Lin (student), July 12-15, 2010, "An integrated evaluation model for new product development", *The 2010 International Conference on Modeling, Simulation and Visualization Methods*, Las Vegas, U.S.A., 237-242. (EI conference)
14. Chun-Yu Lin (student), Amy H. I. Lee, Wei-Han Hu (student), July 12-15, 2010, "A performance evaluation model on R&D – A notebook manufacturer study", *The 2010 International Conference on Modeling, Simulation and Visualization Methods*, Las Vegas, U.S.A., 265-270. (EI conference)
15. He-Yau Kang, Amy H. I. Lee (Corresponding Author), Chun-Mei Lai, Mei-Sung Kang, July 12-15, 2010, "A multi-criteria decision making approach for order mix selection problem", *The 2010 International Conference on Modeling, Simulation and Visualization Methods*, Las Vegas, U.S.A., 199-203. (EI conference)
16. Amy H. I. Lee, Kuo-Chi Hsiao (student), Chih-Neng Yang (student), March 25-27, 2010, "Performance evaluation of Taiwan's photomask suppliers in semiconductor industry," *The Conference on Engineering and Business Management*, Chengdu, China, 1351-1354. (in Chinese) (ISTP Conference)
17. Amy H. I. Lee, Wen-Hsin Lee (student), Chun-Yu Lin (student), March 25-27, 2010, "Evaluation of solar PV industry in Taiwan," *The Conference on Engineering and Business Management*, Chengdu, China, 1288-1291. (in Chinese) (ISTP Conference)
18. Chih-Neng Yang (student), Amy H. I. Lee, March 25-27, 2010, "A customer satisfaction model by applying analytic hierarchy process (AHP)," *The Conference on Engineering and Business Management*, Chengdu, China, 1278-1281. (in Chinese) (ISTP Conference)
19. Chun-Yu Lin (student), Amy H. I. Lee, March 25-27, 2010, "Fuzzy integrated model for evaluating customer requirements of TFT-LCD product," *The Conference on Engineering and Business Management*, Chengdu, China, 1304-1307. (in Chinese) (ISTP Conference)
20. Chih-Neng Yang (student), Amy H. I. Lee, December 14-16, 2009, A study of evaluation factors for after-school programs based on service quality, *The Asian Pacific Industrial Engineering and Management Systems (APIEMS) 2009*, Kitakyushu, Japan, pp. 636-645.
21. Amy H. I. Lee, Chun-Yu Lin (student), July 7-11, 2009, "An integrated model for product design: A case of TFT-LCD," *GBATA Eleventh International Conference*, Prague, Czech Republic, pp. 730-737. (ISBN 1-932917-05-5)
22. Chun-Yu Lin (student), Amy H. I. Lee, Shu-Ru Wang (student), July 7-11, 2009, "A preliminary study of the production strategy evaluation model," *GBATA*

*Eleventh International Conference*, Prague, Czech Republic, pp.763-770. (ISBN 1-932917-05-5)

23. Wei-Ming Wang (student), Amy H. I. Lee, Ding-Tsair Chang, July 15-19, 2009, "An integrated FA-FEAHP approach on the social indicators of Taiwan's green building," *Business & Economics Society International Conference*, Hawaii, USA, pp. 1-11.
24. Amy H. I. Lee, He-Yau Kang, Hsing-Jen Chang (student), Oct. 12-15, 2008, "Evaluating buyer-supplier relationships in high-tech industry by analytic network process (ANP)," *2008 IEEE/INFORMS International Conference on Service Operations and Logistics, and Informatics (IEEE/SOLI'2008)*, Beijing, China, pp. 2677-2682. (EI Conference)
25. Chun-Yu Lin (student), Amy H. I. Lee (Corresponding Author), Oct. 12-15, 2008, "Preliminary study of a fuzzy integrated model for new product development of TFT-LCD," *2008 IEEE/INFORMS International Conference on Service Operations and Logistics, and Informatics (IEEE/SOLI'2008)*, Beijing, China, pp. 2689-2695. (EI Conference)
26. He-Yau Kang, Amy H. I. Lee, Chun-Mei Lai, Oct. 12-15, 2008, "A fuzzy goal programming with mixed 0-1 integer model approach for color filter inventory management in TFT-LCD manufacturing," *2008 IEEE/INFORMS International Conference on Service Operations and Logistics, and Informatics (IEEE/SOLI'2008)*, Beijing, China, pp. 2707-2712. (EI Conference)
27. C. Y. Huang, A. H. I. Lee, T. Y. Chang, July 14-17, 2008, "A MIP model for IC final testing order selection problem," *The 2008 International Conference on Modeling, Simulation & Visualization Methods- Worldcomp'08*, Las Vegas, USA, pp. 238-241. (EI Conference)
28. 楊熾能(student), 李欣怡, 梁應平, June 11, 2008, "油品市場顧客服務品質知覺評價," 2008 第九屆兩岸經貿暨管理國際學術研討會, 新竹, 台灣, pp. 299-308. (ISBN 978-986-84302-1-1)
29. 王淑茹(student), 李欣怡, June 6, 2008, "印刷電路板產業之生產策略模式建構之初探," 2008 第二屆 創新管理學術與實務研討會, 中壢, 台灣. (ISBN 978-986-83638-3-0)
30. 李欣怡, 蕭國基(student), May 9, 2008, "台灣半導體製造業零件供應商評估之研究," 2008 華人經濟圈企業競爭力與經營管理學術研討會, 新竹, 台灣.
31. 李欣怡, 魏秋建, 劉姍妮(student), May 9, 2008, "考量要徑影響程度下之專案績效評估模式," 2008 華人經濟圈企業競爭力與經營管理學術研討會, 新竹, 台灣.
32. Amy H. I. Lee, Cheng-Tan Yang, Tsun-Hung Huang and He-Yau Kang, Dec. 9-12, 2007, "The supplier selection of semiconductor packaging companies," *Proceedings of the 8th Asia Pacific Industrial Engineering & Management System and 2007 Chinese Institute of Industrial Engineers Conference (The 8th APIEMS & 2007 CIIE Conference)*, Kaoshiung, Taiwan. (ISBN 978-986-01-1761-5)
33. Shu-Hsing Chung, I-Ping Chung, Amy H. I. Lee and Yu-Fan Liang, Dec. 9-12, 2007, "A Design of Tool Allocation Mechanism in TFT-LCD Array Process," *Proceedings of the 8th Asia Pacific Industrial Engineering & Management System*

and 2007 Chinese Institute of Industrial Engineers Conference (The 8th APIEMS & 2007 CIIE Conference), Kaoshiung, Taiwan. (ISBN 978-986-01-1761-5)

34. He-Yau Kang, Amy H. I. Lee (Corresponding Author), Chun-Mei Lai and Chih-Neng Yang (student), Nov. 18-20, 2007, "A multi-period, multi-product control-wafer inventory model with reentry and downward substitution," *The 13<sup>th</sup> Asia Pacific Management Conference*, Melbourne, Australia, pp. 932-939.
35. Wei-Ming Wang (student), Ding-Tsair Chang, Amy H. I. Lee (Corresponding Author), Nov. 18-20, 2007, "Preliminary evaluation modeling for sustainable development of collective residence environment: scope in Taiwan's housing community," *The 13<sup>th</sup> Asia Pacific Management Conference*, Melbourne, Australia, pp. 743-752.
36. A. H. I. Lee, S. H. Chung, C. Y. Huang, Aug. 26-29, 2007, "Minimizing the Total Completion Time for the TFT-Array Factory Scheduling Problem (TAFSP)," *Computational Science and its Applications – ICCSA 2007*, Kuala Lumpur, Malaysia, LNCS 4705, Part I, pp. 767-778. (EI Conference)
37. Shu-Hsing Chung, I-Ping Chung and Amy H. I. Lee, Aug. 26-29, 2007, "Collaborative production-distribution planning for semiconductor production turnkey service," *Computational Science and its Applications – ICCSA 2007*, Kuala Lumpur, Malaysia, LNCS 4705, Part I, pp. 860-870, 2007. (EI Conference)
38. Wei-Ming Wang (student), Ding-Tsair Chang and Amy Hsin-I Lee (Corresponding Author), July 11-13, 2007, "A preliminary exploration on the social indicators of Taiwan's green building by factor analysis method," *Proceedings of Business and Information*, Vol. 4, Tokyo, Japan. (ISSN 1729-9322)
39. Amy Hsin-I Lee, He-Yau Kang, Chun-Mei Lai, Wei-Ming Wang (student) and Chang-Fu Hsu, July 2-4, 2007, "TFT-LCD supplier selection by downstream manufacturer using fuzzy multi-choice goal programming," *The Third IASTED International Conference on Computational Intelligence*, Banff, Canada. (EI Conference)
40. Chang-Fu Hsu, He-Yau Kang, Amy Hsin-I Lee (Corresponding Author) and Hsiao-Chu Hung (student), July 2-4, 2007, "Green supplier selection using fuzzy-extended analytic hierarchy process," *The Third IASTED International Conference on Computational Intelligence*, Banff, Canada. (EI Conference)
41. 李欣怡, 張馨仁(student), 謝秀蘭, June 15, 2007, "電子產業與傳統產業策略應用之探討," 創新.整合與應用研討會, 台南, 台灣.
42. 楊熾能(student), 李欣怡, 劉姍妮(student), June 6, 2007, "影響升學選校決策因素之研究," 2007 技職教育永續發展學術研討會, 台北, 台灣.
43. 李欣怡, 王淑茹(student), 王維民(student), June 2, 2007, "ANP 應用於建設方案評選模式建構之初探," 2007 科技與社會學術研討會, 新竹, 台灣.
44. 林采瑩(student), 王維民(student), 李欣怡, June 2, 2007, "科技企業新設備技術移轉評選決策模型建構之初探," 2007 科技與社會學術研討會, 新竹, 台灣.

### III. Others

1. Wen-Chin Chen, Amy H. I. Lee, Ching-Jan Chang, 2011.2 "A fuzzy AHP and BSC approach for evaluating performance of IT department in the manufacturing industry



in Taiwan", *Expert Systems with Applications* 期刊之獎狀 "2008年前十大引用論文".

#### IV. Books

1. 王麗幸, Amy H. I. Lee, 謝永明, 彭雅惠, 王偉權, 余奕旻, 林沂, 高孟君, 陳佳輝, 潘昭儀 《初級會計學》, 全華圖書股份有限公司, 2009.6. (Learning & Pedagogical Research)

#### Technical Reports of Funded Projects

1. 2010 National Science Council Research General Research Project, Low carbon economy research (Integrated Research Project for Private Schools), Sub-project IV (in charge), New product development and supply chain management for green and low-carbon products – a case study of Taiwan's high-tech industry, NSC 99-2632-H-216-001-MY2, Collaborating principal investigator.
1. 2009 National Science Council Research Project, Product strategy for photovoltaic industry in Taiwan , NSC 98-2221-E-216-004, Principal investigator.
2. 2009 National Science Council Research Project, An integrated approach with MCDM and BOCR for the project selection of regional revitalization and regeneration, NSC 98-2410-H-216-021, Collaborating principal investigator.
3. 2008 National Science Council Research Project (Three years), New product development and management in TFT-LCD supply chain, NSC 97-2410-H-216-010-MY3, Principal investigator.
4. 2008 National Science Council Research Project, Exploration to establish the social evaluation indicators for green building using fuzzy extended AHP-based approach, NSC 97-2410-H-216-008, Collaborating principal investigator.
5. 2007 National Science Council Research Project, Supply strategy and management of color filters for TFT-LCD manufacturing, NSC 96-2416-H-216-002, Principal investigator.
6. 2007 National Science Council Research Project, The application of multi-criteria decision analysis for the assessment of sustainable development to residence community, NSC 96-2415-H-216-005-SSS, Collaborating principal investigator.

#### Professional Development

##### I. Executive Editor for Journals

1. Production Editor, Quality Technology and Quantitative Management (abstracted/indexed in Mathematical Reviews, MathSciNet and Current Index to Statistics (CIS))

## II. Reviewer for Journals

1. Fuzzy Sets and Systems (SCI)
2. IEEE Transactions on Semiconductor Manufacturing (SCI)
3. International Journal of Production Research (SCI)
4. Omega: The International Journal of Management Science
5. IIE Transactions (SCI)
6. Computers and Industrial Engineering (SCI)
7. Journal of Intelligent Manufacturing (SCI)
8. Applied Mathematical Modelling (SCI)
9. Information Sciences (SCI)
10. Soft Computing (SCI)
11. Fuzzy Optimization and Decision Making (SCI)
12. Optimization Letters (SCI)
13. Journal of Environmental Management (SCI)
14. Environmental Modelling & Software (SCI)
15. Flexible Services and Manufacturing (SCI)
16. International Journal of Information Technology & Decision Making (SCI)
17. African Journal of Business Management (SSCI)
18. Social Behavior and Personality (SSCI)
19. Management Research News (EI)
20. International Journal of Manufacturing Technology and Management (EI)
21. Journal of Modelling in Management (EI)
22. Asia Pacific Management Review (TSSCI)
23. 管理與系統 (TSSCI)
24. 中華管理學報

## III. Serve as Advisory Board Member for the Following Public Affairs Committee

1. The 2nd Conference on Engineering and Business Management (ISTP Conference, Wuhan, China), 2011
2. The Conference on Web Based Business Management (ISTP Conference, Chengdu, China), 2010
3. The 2010 International Conference on Modeling, Simulation and Visualization Methods (EI Conference, Las Vegas, U.S.A.), 2010

4. The 1st Conference on Engineering and Business Management (ISTP Conference, Chengdu, China), 2010