## *Ping-Wen Chen* (陳炳文)

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## Education

- PhD, Department of Computer Science, University of Pittsburgh, 2001/04
- M.E., Department of Computer Science and Information Engineering, National Taiwan University, 1989/07
- B.S., Department of Computer and Information Science, National Chiao Tung University, 1987/07

## Area of Specialty

- Software Engineering
- Software Project Management

## Academic Experience

- Assistant Professor, Department of Information Management, Southern Taiwan University, 2001/08 to present

## Publications

### Journal Papers:

1. Yung-Ming Li, J.-H. Jhang-Li, Ting-Kai Hwang, Ping-Wen Chen, Analysis of Pricing Strategies for Community-based Group Buying: The impact of Competition and Waiting Time, Information Systems Frontier (SCI), Vol. 14, Issue 3, pp. 633-645, July, 2012.

### Conference Papers:

1. Ping-Wen Chen, Feng-Ming Pai, et al, Development of a Mobile Information Platform for the Tracking of Food Pedigree, Proc. 2016 E-Learning and Information Technology Symposium, Tainan, Taiwan, March, 2016.
2. Ping-Wen Chen, Ting-Han Liu, et al, Development of an Information Platform as a Mobile Tour Guide combined with Smart Health, Proc. 2016 E-Learning and Information Technology Symposium, Tainan, Taiwan, March, 2016.
3. Ping-Wen Chen, Ming-Hui Yen, Feng-Ming Pai, A Web Site Design Method by

UML State Diagrams with Inheritance Mechanism, Proc. 2012 E-Learning and Information Technology Symposium, Tainan, Taiwan, March, 2012.

4. Ping-Wen Chen, Shang-Yu Li, Applying Software Configuration Management to the Development of WebApp, Proc. 2011 E-Learning and Information Technology Symposium, Tainan, Taiwan, March, 2011.

5. Ping-Wen Chen, Jing-Mao Shih, Ting-Kai Hwang, An Extreme Programming Approach to the Development of WebApp, Proc. 2010 E-Learning and Information Technology Symposium, Tainan, Taiwan, March, 2010.

6. Ping-Wen Chen, Hui-Ping Lu, Chen-Yu Chen, Shing-Hua Ho, Mingzoo Wu, Scheduling Electric Power Generators Using Diversity-Guided Bilateral Objective Function, Proc. 2009 National Symposium on System Science and Engineering, Taipei, Taiwan, June, 2009.

7. Jung-Shan Chiu, Ping-Wen Chen, Using Neural Networks to Improve the Cost Estimation of Software Projects Developed by SOHO, Proc. 2008 Taiwan Conference on Software Engineering (TCSE 2008), Tainan, Taiwan, June, 2008.

8. Ping-Wen Chen, Ting-Kai Hwang, Yung-Ming Li, A One-to-Many Dynamic Negotiation Strategy Model Based on Fuzzy Theory, Proc. 6th International Conference on Computational Intelligence in Economics and Finance (CIEF 2007), pp.356-362, Salt Lake City, USA, July, 2007.

9. Yung-Ming Li, Ting-Kai Hwang, Ping-Wen Chen, Pricing Strategy Analysis for Collective Purchasing E-Commerce, Proceedings of 5th Workshop on e-business (Web 2006), Milwaukee, USA., Dec. 9, 2006.

10. Ping-Wen Chen, Yung-Ming Li, Ting-Kai Hwang, A Fuzzy Rule-based Bargaining Model for Online Group Purchasing, Proceedings of 5th International Conference on Computational Intelligence in Economics and Finance (CIEF 2006), pp. 271-274, Kaohsiung, Taiwan, Oct. 8-11, 2006.

## Dissertation:

■ A Coordination Model for the Systematic Construction of Distributed Applications, Ph.D. dissertation, Dept. of Computer Science, University of Pittsburgh, 2001.

## Grants

1. A Talent Cultivation Project for Smart Devices and Human-computer Interaction, contract no. 331050037-GP, sponsored by ITSA, Ministry of Education, Feb. 2016 to Jan. 2017.

2. A Talent Cultivation Project for Smart Devices and Human-computer Interaction, contract no. 331040032-GP, sponsored by ITSA, Ministry of Education, Feb. 2015 to Jan. 2016.

3. A Talent Cultivation Project for Mobile Device Applications, contract no.

331030040-GP, sponsored by ITSA, Ministry of Education, Feb. 2014 to Jan. 2015.

4. A Talent Cultivation Project for Mobile Device Applications, contract no. 331020044-GP, sponsored by ITSA, Ministry of Education, Feb. 2013 to Jan. 2014.

5. A Talent Cultivation Project for Mobile Device Applications, contract no. 331010040-GP, sponsored by ITSA, Ministry of Education, Feb. 2012 to Jan. 2013.

## Entrusted Practical Projects

1. The Construction of the Web site and Internet Marketing Service, contract no. 331000365, sponsored by Jie-Yuan-Mei co., 2012.

## Academic and Professional Service

1. Software Engineer, International Integrated Systems Inc., Nov. 1991 to May 1992.

## Patents

1. A Two-way Equipment against the Loss of Mobile Electronic Devices, patent no. 459476, Taiwan, 2013.

2. A Grasping Tool to Prevent the Fall of Spoons, patent no. M455448, Taiwan, 2013.

3. A Bluetooth Touch Sensor, patent no. M454577, Taiwan, 2013.

4. A fly-proof electronic equipment, patent no. M446501, Taiwan, 2013.

5. The Improvement of the Key's Structure, patent no. M437362, Taiwan, 2012.

6. A Dashboard Camera for Motorcycles, patent no. M430619, Taiwan, 2012.