姓名
王鼎超

專長及研究領域
無線感測網路、行動計算、分散式資料庫、效能評估

學歷(大學以上學歷)

學歷	學校	國別	主修學門
博士	國立成功大學	中華民國	資訊工程

經歷

名稱	起迄日期	擔任工作
南台科技大學 資管系	2012.2~迄今	副教授
南台科技大學 資管系	2003.8~2012.1	助理教授

著作

A. 期刊

- Ding-Chau Wang, Chao-chun Chen, and Chien-Han Liao, 2013, "COMMUNICATION EFFICIENT TRACKING MODEL SELECTION METHODS FOR MULTIMODEL BASED OBJECT TRACKING SENSOR NETWORKS," International Journal of Innovative Computing, Information and Control, Vol.9, No.3. [SCI]

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B. 研討會論文

- Huu Tinh Giang Nguyen, Ding-Chau Wang, and Chao-Chun Chen, "Develop a MapReduce-based Simulation Framework for Performance Analysis of Time-consuming Matlab Models under Hadoop Architectures," 2013 5th International Conference on Computer Research and Development (ICCRD 2013), Ho Chi Minh City, Vietnam, February 23-24, 2013

- 黃建智, 林建良, 王鼎超, 陳朝鈞, "探討大專生數學解題傳教士與食人族問題之學習動機-以互動式邏輯遊戲系統為例", TAECT「台灣教育傳播暨科技學會」2012 年 國際學術研討會, Chiayi, Taiwan, November, 2012.

- 黃俊銘, 王鼎超, 陳朝鈞, "基於無線射頻技術之智慧型家用監控管理藥箱系統", The 10th Conference on Information Technology and Applications in Outlying Islands (ITAOI2011), Tai-Tung, Taiwan, May, 2011.

- 戴婷婷, 李瑜興, 王鼎超, 陳朝鈞, "基於無線射頻技術之智慧型家用監控管理藥箱系統", The 10th Conference on Information Technology and Applications in Outlying Islands (ITAOI2011), Tai-Tung, Taiwan, May, 2011.

- 王鼎超, 李衍儀, 陳朝鈞, 許政穆, "運用普及運算技術於運動休閒管理系統：以慢跑運動為例", 2010 年民生電子研討會, Tainan, Taiwan, Nov., 2010.

- 陳朝鈞, 邱志銘, 王鼎超, "邏輯遊戲之兒童互動式學習系統", The 9th Conference on Information Technology and Applications in Outlying Islands (ITAOI2010), Kaohsiung, Taiwan, May, 2010.

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- 陳朝賢，王鼎超，孟祥仁, " Design of Broadcast-based Flash Card System with Dynamically Customized Content in Multi-Person Learning Environment ", The 9th Conference on Information Technology and Applications in Outlying Islands (ITAOI2010), Kaohsiung, Taiwan, May, 2010.

- I.R. Chen and D.C. Wang, "On the Reliability of Wireless Sensors with Software-based Attestation for Intrusion Detection," The 10th IEEE International Symposium on Pervasive Systems, Algorithms and Networks, Kaohsiung, Taiwan, Dec. 2009.

- I.R. Chen and D.C. Wang, "Modeling and Analysis of Regional Registration Based Mobile Multicast Service Management," 3rd IEEE International Workshop on Performance Modeling and Analysis of Communication in Wired and Wireless Networks, Hsinchu, Taiwan, Dec. 2007.

- I.R. Chen, J.H. Cho and D.C. Wang, "Performance characteristics of region-based group key management in mobile ad hoc networks," 1st IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing, Taichung, Taiwan, June, 2006.

- Chao-Chun Chen, Yong-Ming Huang, Lien-Fa Lin, and Ding-Chau Wang, "Genetic Optimization for Benefit-Oriented Data Broadcast in T-learning Environments," in Proceedings of the Eighth International Conference on Intelligent System Design and Applications (ISDA2008), Kaohsiung, Taiwan, November 26-28, 2008. (EI)(NSC 96-2221-E-218-050-MY2)

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- D.C. Wang, I.R. Chen and C.P. Chu, "Analyzing reconfigurable algorithms for managing replicated data with strict consistency requirements: a case study," COMPSAC 2000, Taipei, Taiwan

- I.R. Chen, D.C. Wang and C.P. Chu," Response time behavior of voting schemes for managing replicated data," COMPSAC '99, Phoenix, AZ, USA

- I.R. Chen, D.C. Wang and C.P. Chu," User-perceived availability and response-time in voting-based replicated systems: a case study," ASSET '99, Richardson, Texas, USA

- I.R. Chen and D.C. Wang," Repairman models for replicated data management: a case study," PDIS '96, Miami, USA

- I.R. Chen and D.C. Wang," Analyzing dynamic voting using petri nets," SRDS '96, Niagara, Canada

研究計畫

計畫名稱	起迄日期	補助單位
設計與效能評估無線感測網路下考慮多點路由及閒談式廣播特性之位置管理策略研究(共同)	2011/08~2013/07	國科會
101 教育部資訊軟體人才培育推廣計畫(共同)	2012.2~2013.1	教育部
設計與效能評估物體追蹤感測網路下最近 K 個鄰居查詢處理之研究(共同)	2010/08~2011/07	國科會
分散式感測系統下物體追蹤與位置管理之策略設計及效能評估與分析	2008/8~2009/7	國科會
2008 科學季：無所不在新世代－無線感測網路	2007/12~2008/11	國科會

指導學生情況(碩士生及大學專題生)
A.　指導學生
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大學生：吳念庭、陳琬如、劉倪妃、張庭茹、李宛靜、李怡蓉、林智謙、嚴士崴