

# 姜美玲

## 著作目錄

### 期刊論文

1. M. L. Chiang, C. J. Yang, and S. W. Tu (2016, Nov). Kernel Mechanisms with Dynamic Task-Aware Scheduling to Reduce Resource Contention in NUMA Multi-Core Systems. *Journal of Systems and Software*, Vol. 121, pp. 72-87. (SCIE). MOST 102-2221-E-260-012. 本人為第一作者、通訊作者。  
<http://dx.doi.org/10.1016/j.jss.2016.08.038>.
2. Mei-Ling Chiang, Bo-Wen Yu, Chi-Shian Shia, Jiun-Jiun Hwang, Cheng-Han Li (2016, Feb). Operating System Enhancement for Supporting Massively Multiplayer Online Games in a Server Cluster. *International Journal of Parallel Programming*, Volume 44, Issue 1, pp 46-67. (SCIE). MOST 101-2221-E-260-004. 本人為第一作者、通訊作者。
3. Mei-Ling Chiang, Ching-Chung Tseng, Yen-Chu Chang, Shu-Chun Chao, Han Wang (2016, Feb). Kernel Mechanisms for Turning a 3D MMOG From Single into Multi-Server Architecture. *International Journal of High Performance Computing and Networking*. (Accepted). (EI). MOST 104-2221-E-260-001. 本人為第一作者、通訊作者。
4. Mei-Ling Chiang, Hsiang-Yu Hsu (2012, Sep). A Platform for Supporting Dynamic Update and Resource Protection in an Embedded Operating System. *Journal of Information Science and Engineering*, Vol. 28, No. 5, pp. 875-893. (SCIE, 132/135, COMPUTER SCIENCE, INFORMATION SYSTEMS). NSC 96-2628-E-260-009. 本人為第一作者、通訊作者。

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3. Yan-Wei Chen, Mei-Ling Chiang, Jie-Ruei Yang (2012, Dec). Energy-Efficient Scheduling Based on Reducing Resource Contention for Multi-Core Processors. International Computer Symposium (ICS'2012), Dong Hwa University, Hualien. 本人為通訊作者。
  4. Mei-Ling Chiang, Chen-Yu Yang, Shin-Lu Lien (2012, Sep). Kernel Support for Fine-grained Load Balancing in a Web Cluster Providing Streaming Service. The 2012 International Conference on Algorithms and Architectures for Parallel Processing (ICA3PP 2012), Fukuoka, Japan. 本人為第一作者、通訊作者。 ICA3PP 2012, Part I, LNCS 7439, pp. 458–472, 2012. © Springer-Verlag Berlin Heidelberg 2012.
  5. Shin-Lu Lien, Mei-Ling Chiang (2012, Sep). Recovery Mechanism for Diff-based Reprogramming in WSNs. The 2012 International Workshop on Embedded Intelligence and Smart Systems (WEISS 2012), Fukuoka, Japan. 本人為通訊作者。
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  7. Y. C. Yeh, Mei-Ling Chiang, H. L. Lien (2011, Dec). Improving the Memory Utilization of LyraOS Communication Stack. National Computer Symposium (NCS'2011). 本人為通訊作者。
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  10. 陳弘勳, 姜美玲, 黃世駒 (2015年12月)。支援大型多人線上遊戲伺服器叢集的負載平衡策略的設計與實作。全國計算機會議 (NCS 2015), 屏東縣, 台灣。本人為通訊作者。
  11. 張嘉宏, 姜美玲, 吳宗翰 (2015年10月)。建構負載平衡的虛擬機器伺服器叢集的架構與效能的研究。2015台灣網際網路研討會 (TANET 2015), 南投縣埔里鎮, 台灣。本人為通訊作者。
  12. 王茂林, 陳宣名, 鄭洵, 張毓軒, 姜美玲, 高玟瑜 (2015年10月)。LINUX核心層級入侵偵測系統反應機制的研究與實作。2015台灣網際網路研討會 (TANET 2015), 南投縣埔里鎮, 台灣。本人為通訊作者。

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14. 王宥棋, 姜美玲, 陳陽昇 (2014年10月) 。虛擬執行環境下具擴展性核心層級的入侵偵測與防禦系統。台灣網際網路研討會(TANET 2014), Kaohsiung, Taiwan, R.O.C.。本人為通訊作者。
15. 楊杰叡, 涂書維, 姜美玲 (2013年12月) 。多核心系統之降低資源競爭的動態任務感知排程機制。NCS 2013 全國計算機會議, 亞洲大學。本人為通訊作者。
16. 吳和融, 張嘉宏, 姜美玲 (2013年12月) 。支援需求內容分配的有效率網頁叢集伺服器於Linux Kernel 3.8 的實作。2013 NCS 全國計算機會議, 亞洲大學。本人為通訊作者。
17. 王建凱, 王宥棋, 馮立琪, 姜美玲, 婁德權 (2013年12月) 。虛擬環境下的入侵防禦系統的設計與實。NCS 2013 全國計算機會議, 亞洲大學。本人為通訊作者。
18. 李政翰, 夏啟賢, 黃俊鈞, 姜美玲, 陳弘勳 (2013年10月) 。支援大型多人線上遊戲伺服器叢集之基於地域性的負載分配策略。TANET 2013 台灣網際網路研討會, 國立中興大學。本人為通訊作者。
19. 劉智堯, 姜美玲, 吳和融 (2012年10月) 。支援雲端運算擴展性分散式檔案系統的叢集式FTP伺服器的設計與實作。台灣網際網路研討會(TANET 2012), TaoYuan, Taiwan。本人為通訊作者。

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來源: Inderscience Online <noreply@indersciencemail.com>  
收信: joanna@ncnu.edu.tw, s98213003@ncnu.edu.tw, s102213548@ncnu.edu.tw, s98213007@ncnu.edu.tw, s98213069@ncnu.edu.tw, Editor <kuancli@gm.pu.edu.tw>, Handling Editor <csgjwang@gmail.com>  
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Dear Mei-Ling Chiang, Ching-Chung Tseng, Yen-Chu Chang, Shu-Chun Chao, Han Wang,

Ref: Submission "Kernel Mechanisms for Turning a 3D MMOG From Single into Multi-Server Architecture"

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