

100 年 10 月 通過 學術審查

92 學年度入學 (博七)

Journal Papers

1. **J.-F. Weng**, and J.-C. Chen, “Dynamic rekeying in 3GPP multimedia broadcast/multicast service (MBMS),” *IEEE Communications Letters*, vol. 14, no. 4, pp. 288-290, April 2010. (SCI, EI)
 - 2010 Impact Factor : 1.060
 - 5-Year Impact factor : 1.380
 - Google scholar citation : 1
2. **J.-F. Weng**, J.-C. Chen, and **K.-W. Cheng**, “Comparative study of broadcast and multicast in 3GPP and 3GPP2 networks,” *Computer Communications*, Elsevier, vol. 31, no. 17, pp. 4220-4229, Nov. 2008. (SCI, EI)
 - 2010 Impact Factor : 0.816
 - 5-Year Impact factor : 0.960
 - Google scholar citation : 2

Under Review Papers

1. **J.-F. Weng**, and J.-C. Chen, “Analyzing A Two-Queue Model with Limited Service for Polling Systems in Next-Generation Cooperative Wireless Multihop Relay Networks”. Submitted to *IEEE Transactions on Wireless Communications 2011*.

In Preparation

1. **J.-F. Weng**, and J.-C. Chen, “Cost Analysis of Dynamic Rekeying in 3GPP Multimedia Broadcast-Multicast (MBMS) and 3GPP2 Broadcast-Multicast Service (BCMCS)”. In preparation for *IEEE Transactions on Wireless Communications* .
2. **J.-F. Weng**, and J.-C. Chen, “Packet Call Channel Holding Time in LTE”. In preparation for *IEEE Transactions on Mobile Computing* .

Conference papers

1. C.-K. Hsieh, J.-C. Chen, and **J.-F. Weng**, "Cooperative adaptive partner selection for real-time services in IEEE 802.16j multihop relay networks," in *Proc. of IEEE Wireless Communications and Networking Conference (WCNC '10)*, (Sydney, Australia), April 2010.
 - Accept Ratio = 37.17%

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93 學年度入學 (博七)

Journal paper

1. **W.H. Sun**, C.T. King, "ORN: A Content-based Approach to Improving Supplier Discovery in P2P VOD Networks," Journal of Parallel and Distributed Computing (to appear) (SCI, EI, 2010 Impact factor = 1.078)
2. C.W. Wang, H.C. Hsiao, **W.H. Sun**, C.T. King, and M.T. Sun, "Building a Tuple Space on Structured Peer-to-Peer Networks," The Journal of Supercomputing, Vol. 40, No. 3, pages 213-227, 2007. (SCI, EI, 2010 Impact factor = 0.545)

Conference paper

1. **W.H. Sun**, C.T. King, "ORN: A Content-based Approach to Improving Supplier Discovery in P2P VOD Networks," Proc. of the 1st Symposium on Cloud and Service Computing (SC2-2011), Jan. 2011.
2. Y.C. Chen, **W.H. Sun**, C.P. Chang, C.T. King, "CSLive: A Live Streaming Overlay with Cooperative Swarming," Proc. of the 2nd International Workshop on Peer-to-Peer Network Virtual Environments (P2P-NVE 2008), Dec. 2008.
3. M.T. Sun, C.T. King, **W.H. Sun**, and C.P. Chang, "Attribute-based Overlay Network for Non-DHT Structured Peer-to-peer Lookup," Proc. of International Conference on Parallel Processing (ICPP 2007), Sep. 2007.
4. H. Fang, **W.H. Sun**, C.Y. Lin, C.T. King, "Implementation and Performance Study of OBN: An On-demand P2P Streaming System," Proc. Of the 13th Workshop on Compiler Techniques for High-Performance Computing (CTHPC'07), Mar. 2007.
5. C.S. Liao, **W.H. Sun**, C.T. King, H.C. Hsiao, "OBN: Peering for Finding Suppliers in P2P On-demand Streaming Systems," Proc. of IEEE Int'l Conf. on Parallel and Distributed Systems (ICPADS 2006), July 2006.
6. C.W. Wang, H.C. Hsiao, **W.H. Sun**, C.T. King, and M.T. Sun, "Building a Tuple Space on Structured Peer-to-Peer Networks," Proc. Of the 11th Workshop on Compiler Techniques for High-Performance Computing (CTHPC'05), Mar. 2005.
7. **W.H. Sun**, H.C. Hsiao, C.T. King, "On Implementation of Virtual Cluster Computing Architecture," Proc. of the 1st Workshop on Grid Technologies and Applications (WoGTA'04), Dec. 2004.

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94 學年度入學 (博七)

Journal papers

1. **K.-H. Chen** and J.-C. Chen, "Handoff failure analysis of adaptive keep-alive interval (AKI) in 3GPP generic access network (GAN)," *IEEE Transactions on Wireless Communications*, Accepted and to appear, 2011. (SCI, EI)
 - 2010 Impact Factor: 2.152
 - 5-Year Impact factor: 2.679

Conference papers

1. **K.-H. Chen**, J.-C. Chen, and Z.-H. Liu, "Resource reservation and preemption in 3GPP LTE/SAE and 3GPP2 EV-DO interworking architecture," in *Proc. of 3rd International Conference on Ubiquitous and Future Networks (ICUFN '11)*, (Dalian, China), pp.196-201, June 2011.
 - i. Invited paper
2. **K.-H. Chen** and J.-C. Chen, "Improving service availability in 3GPP generic access network (GAN) by adaptive keep-alive interval (AKI)," in *Proc. of IEEE Wireless Communications and Networking Conference (WCNC '10)*, (Sydney, Australia), April 2010.
 - Accept Ratio = 37.2%
3. W.-T. Wu, J.-C. Chen, **K.-H. Chen**, and K.-P. Fan, "Design and implementation of WIRE diameter," In *Proc. of IEEE International Conference on Information Technology: Research and Education (ITRE '05)*, (Hsinchu, Taiwan), pp. 428-433, June 2005.
 - Accept Ratio = 58.4%