

Minghua Chen

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POSITIONS HELD	2007 - present, Assistant Professor, Information Engineering, the Chinese University of Hong Kong 2006 - 2007, PostDoc Researcher, Microsoft Research at Redmond, USA	
EDUCATION	Ph.D. (2006), Electrical Engineering and Computer Sciences, University of California at Berkeley B.E. (1999), M.S. (2001), Electronic Engineering, Tsinghua University, Beijing, China	
SELECTED AWARDS	IEEE Trans. on Multimedia 2009 Prize Paper Award, 2009 2009 IEEE International Conference on Multimedia and Expo (ICME 2009) Best Paper Award, 2009 University of California at Berkeley: Eli Jury award, 2007	
SELECTED PUBLICATIONS	<p>S. Chau, M. Chen, S. Liew, "Capacity of Large Scale CSMA Wireless Networks", Proceedings of 2009 ACM MOBICOM, Beijing, China, September 20-25, 2009</p> <p>T. Li, Minghua Chen, D. Chiu, and M. Chen, "Queuing Models for Peer-to-peer Systems", Proceedings of the 8th International Workshop on Peer-to-Peer Systems (IPTPS 2009), Boston, MA, USA, April 21, 2009</p> <p>Y. Li and M. Chen, "Enabling Multi-Level Trust in Privacy Preserving Data Mining", EECS Department University of California, Berkeley Technical Report No. UCB/EECS-2008-156, December 13, 2008 (also submitted for journal publication)</p> <p>M. Chen, M. Ponc, S. Sengupta, J. Li, and P. A. Chou, "Utility Maximization in Peer-to-peer Systems", Proceedings of 2008 ACM SIGMETRICS, Annapolis, Maryland, USA, June 2-6, 2008</p> <p>Y. Li and M. Chen, "Privacy Preserving Joins", Proceedings of 2008 IEEE International Conference on Data Engineering (ICDE 08), Cancun, Mexico, April 7-12, 2008</p> <p>M. Chen and D. Tse, "An Upper Bound on the Convergence Rate of Uplink Power Control in CDMA Systems", IEEE Communication Letters, Vol. 10, No. 4, Apr. 2006</p> <p>M. Chen and A. Zakhor, "Multiple TFRC Connections Based Rate Control for Wireless Networks", IEEE Trans. on Multimedia, Vol. 8, Issue 5, Oct. 2006, pp. 1045-1062 (conference version appeared in Infocom 2004)</p> <p>M. Chen, Y. He and R. L. Lagendijk, "A Fragile Watermark Error Detection Scheme For Wireless Video Communications", IEEE Trans. on Multimedia, Vol. 7, No. 2, April 2005</p> <p>M. Chen and A. Zakhor, "Flow Control over Wireless Network and Application Layer Implementation", Proceedings of Infocom 2006, Barcelona, Spain, March, 2006</p> <p>Minghua Chen, Avideh Zakhor, "A General Framework for Flow Control in Wireless Networks", VDM Verlag, 2008</p> <p>Haisang Wu, Maoke Chen, Minghua Chen, Xinwei Hu, Cheng Yan, "IPv6 Principle and Practicing", People's Posts & Telecommunications Publishing House, 2000, Published, ISBN 7-115-08557</p>	