

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 Transactions on Multimedia Prize Paper Award (Best Paper Award), 2009 IEEE International Conference on Multimedia and Expo (ICME) Best Paper Award, 2009 University of California at Berkeley: Eli Jury award, 2007	
SELECTED PUBLICATIONS	<p>Y. Li, M. Chen, Q. Li, and W. Zhang, "Enabling Multi-Level Trust in Privacy Preserving Data Mining", accepted for publication in IEEE Trans. on Knowledge and Data Engineering.</p> <p>S. Sengupta, S. Liu, M. Chen, M. Chiang, J. Li, and P. A. Chou, "Peer-to-Peer Streaming Capacity", IEEE Trans. on Information Theory, July 2011.</p> <p>C. Chau, M. Chen, and S. Liew, "Capacity of Large Scale CSMA Wireless Networks", IEEE/ACM Trans. on Networking, June 2011. (conference version in ACM MOBICOM 2009).</p> <p>M. Chen, M. Ponc, S. Sengupta, J. Li, and P. A. Chou, "Utility Maximization in Peer-to-peer Systems", accepted for publication in IEEE/ACM Trans. on Networking (conference version in ACM SIGMETRICS 2008).</p> <p>S. Zhang, Z. Shao, and M. Chen, "Optimal Distributed P2P Streaming under Node Degree Bounds", in Proceedings of ICNP 2010, Kyoto, Japan, Oct. 5 - 8, 2010.</p> <p>S. Liu, M. Chen, S. Sengupta, M. Chiang, J. Li, and P. A. Chou, "Peer-to-Peer Streaming Capacity under Node Degree Bound", Proceedings of IEEE ICDCS 2010, Genoa, Italy, June 21-25, 2010.</p> <p>M. Chen, S. Liew, Z. Shao, and C. Kai, "Markov Approximation for Combinatorial Network Optimization", Proceedings of IEEE INFOCOM 2010, San Diego, CA, US, March, 2010.</p> <p>Y. Li, H. Yao, M. Chen, S. Jaggi, and A. Rosen, "RIPPLE Authentication for Network Coding", Proceedings of IEEE INFOCOM 2010, San Diego, CA, US, March, 2010.</p> <p>M. Chen and D. Tse, "An Upper Bound on the Convergence Rate of Uplink Power Control in CDMA Systems", IEEE Communication Letters, April 2006.</p> <p>M. Chen and A. Zakhor, "Multiple TFRC Connections Based Rate Control for Wireless Networks", IEEE Trans. on Multimedia, Oct. 2006 (conference version in IEEE 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, April 2005.</p> <p>M. Chen and A. Zakhor, "A General Framework for Flow Control in Wireless Networks", VDM Verlag, 2008, ISBN 3836492091 (my PhD thesis; a part of it appeared in IEEE INFOCOM 2006).</p>	