

Publications of Tsuen-Wan “Johnny” Ngan

(For the latest version, please visit <http://www.cs.rice.edu/~twngan/papers.html>.)

- [1] Atul Singh, Tsuen-Wan “Johnny” Ngan, Peter Druschel, and Dan S. Wallach. Eclipse attacks on overlay networks: Threats and defenses. In *Proceedings of the 25th IEEE INFOCOM*, Barcelona, Spain, April 2006.
- [2] Atul Singh, Tsuen-Wan “Johnny” Ngan, Peter Druschel, and Dan S. Wallach. Implementation and evaluation of secure routing primitives. Technical Report TR05-495, Rice University, January 2006.
- [3] Animesh Nandi, Tsuen-Wan “Johnny” Ngan, Atul Singh, Peter Druschel, and Dan S. Wallach. Scrivener: Providing incentives in cooperative content distribution systems. In *Proceedings of the ACM/IFIP/USENIX 6th International Middleware Conference (Middleware 2005)*, Grenoble, France, November 2005.
- [4] Tsuen-Wan “Johnny” Ngan, Atul Singh, Peter Druschel, and Dan S. Wallach. Towards a dependable, heterogeneity-aware P2P system. In *South Central Information Security Symposium (SCISS’05)*, Austin, Texas, April 2005.
- [5] Tak-Wah Lam, Tsuen-Wan Johnny Ngan, and Kar-Keung To. A tighter extra-resource analysis of online deadline scheduling. *Journal of Combinatorial Optimization*, 9(2):157–165, March 2005.
- [6] Tak-Wah Lam, Tsuen-Wan Johnny Ngan, and Kar-Keung To. Performance guarantee for EDF under overload. *Journal of Algorithms*, 52(2):193–206, August 2004.
- [7] Tsuen-Wan “Johnny” Ngan, Animesh Nandi, Atul Singh, Dan S. Wallach, and Peter Druschel. On designing incentives-compatible peer-to-peer systems. In *2nd Bertinoro Workshop on Future Directions in Distributed Computing (FuDiCo II: S.O.S.)*, Bertinoro, Italy, June 2004.
- [8] Tsuen-Wan “Johnny” Ngan, Dan S. Wallach, and Peter Druschel. Incentives-compatible peer-to-peer multicast. In *2nd Workshop on the Economics of Peer-to-Peer Systems*, Cambridge, Massachusetts, June 2004.
- [9] Chiu-Yuen Koo, Tak-Wah Lam, Tsuen-Wan “Johnny” Ngan, and Kar-Keung To. Extra processors versus future information in optimal deadline scheduling. *Theory of Computing Systems*, 37(3):323–334, May 2004.

- [10] Tsuen-Wan “Johnny” Ngan and Dan S. Wallach. On designing resource sharing peer-to-peer systems. In *South Central Information Security Symposium (SCISS’04)*, Houston, Texas, April 2004.
- [11] Tsuen-Wan “Johnny” Ngan. Incentives and fair sharing in peer-to-peer systems. Master’s thesis, Rice University, 2004.
- [12] Tak-Wah Lam, Tsuen-Wan Johnny Ngan, Kar-Keung To, and Prudence Wai-Ha Wong. Aggressive online deadline scheduling. In *Proceedings of Computing: The Australasian Theory Symposium, ENTCS 91*, pages 149–159, Dunedin, New Zealand, February 2004.
- [13] Tsuen-Wan “Johnny” Ngan, Animesh Nandi, and Atul Singh. Fair bandwidth and storage sharing in peer-to-peer networks. In *First IRIS Student Workshop*, Cambridge, Massachusetts, August 2003.
- [14] Andrew C. Fuqua, Tsuen-Wan “Johnny” Ngan, and Dan S. Wallach. Economic behavior of peer-to-peer storage networks. In *Workshop on Economics of Peer-to-Peer Systems*, Berkeley, California, June 2003.
- [15] Chiu-Yuen Koo, Tak-Wah Lam, Tsuen-Wan Ngan, and Kar-Keung To. Competitive deadline scheduling via additional or faster processors. *Journal of Scheduling*, 6(2):213–223, March 2003.
- [16] Tsuen-Wan “Johnny” Ngan, Dan S. Wallach, and Peter Druschel. Towards fair sharing of peer-to-peer resources. In *South Central Information Security Symposium (SCISS’03)*, Denton, Texas, April 2003.
- [17] Tsuen-Wan “Johnny” Ngan, Dan S. Wallach, and Peter Druschel. Enforcing fair sharing of peer-to-peer resources. In *2nd International Workshop on Peer-to-Peer Systems (IPTPS), LNCS 2735*, pages 149–159, Berkeley, California, February 2003.
- [18] Chiu-Yuen Koo, Tak-Wah Lam, Tsuen-Wan Ngan, Kunihiko Sadakane, and Kar-Keung To. On-line scheduling with tight deadlines. *Theoretical Computer Science*, 295(1–3):251–261, February 2003.
- [19] Tsuen-Wan Ngan. On the effectiveness of additional resources for on-line firm deadline scheduling. Master’s thesis, University of Hong Kong, 2002.
- [20] Chiu-Yuen Koo, Tak-Wah Lam, Tsuen-Wan Ngan, and Kar-Keung To. Extra processors versus future information in optimal deadline scheduling. In *Proceedings of the 14th*

ACM Symposium on Parallel Algorithms and Architectures (SPAA), pages 133–142, Winnipeg, Manitoba, Canada, August 2002.

- [21] Chiu-Yuen Koo, Tak-Wah Lam, Tsuen-Wan Ngan, and Kar-Keung To. On-line scheduling with tight deadlines. In *Proceedings of the 26th International Symposium on Mathematical Foundations of Computer Science (MFCS)*, pages 464–473, Mariánské Lázně, Czech Republic, August 2001.
- [22] Tak-Wah Lam, Tsuen-Wan Ngan, and Kar-Keung To. On the speed requirement for optimal deadline scheduling in overloaded systems. In *Proceedings of the 15th International Parallel and Distributed Processing Symposium (IPDPS)*, pages 2173–2177, San Francisco, California, April 2001.