

HKU CS – Systems & Networking

- People

- Prof. F.C.M. Lau 刘智满, PhD (Waterloo)

- Wireless networks / algorithms / HCI / computer & art

- Dr. C.L. Wang 王卓立, PhD (USC)

- JVM / cluster / grid / cloud / GPU / many-core

- Dr. Wu Chuan 吴川, PhD (Toronto)

- P2P networks / cloud / VoD / wireless networks

Dr. Wu's Recent Pubs

- **Socially-optimal** Multi-hop Secondary Communication under Arbitrary Primary User Mechanisms (*INFOCOM 2013*)
- Capacity of **P2P On-Demand Streaming** with Simple, Robust and Decentralized Control (*INFOCOM 2013*)
- Profit-Maximizing Virtual Machine Trading in a **Federation of Selfish Clouds** (*INFOCOM 2013*)
- Move My Data to the **Cloud**: an Online Cost-Minimizing Approach (*INFOCOM 2013*)
- SmartDPSS: Cost-Minimizing Multi-source Power Supply for **Datacenters** with Arbitrary Demand (*ICDCS 2013*)

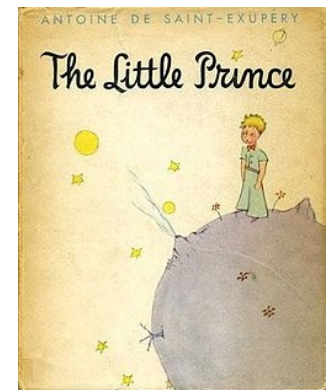
Prof. Lau's Recent Pubs

- Faster and Space Efficient Exact Exponential **Algorithms**: Combinatorial and Algebraic Approaches (*Handbook of Combinatorial Optimization*)
- Aggregation **Latency-Energy Tradeoff** in **Wireless Sensor Networks** with Successive **Interference** Cancellation (*IEEE TPDS*)
- Computationally Evaluating and Reproducing the Beauty of **Chinese Calligraphy** (*IEEE Intelligent Systems*)
- Skew-Space **Garbage Collection** (*Science of Computer Programming*)
- Reducing Information Gathering Latency through Mobile **Aerial Sensor Network** (*INFOCOM 2013*)
- Mining User Dwell Time for **Personalized** Web Search Re-Ranking (*IJCAI 2011*)
- User-Oriented Document Summarization through Vision-Based **Eye-Tracking** (*IUI 2009*)

For the System Builder ...

“It is in the compelling zest of high adventure and of victory, and in creative action, that man finds his supreme joys.”

- Antoine de Saint-Exupery



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