Title: Mining the Academic Social Network

Speaker: Professor Dah Ming Chiu
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Date: Wednesday, 5 August 2015
Time: 2:00 pm – 3:00 pm
Venue: Room 603, Chow Yei Ching Building

Abstract: Academic publication metadata is routinely used for performance assessment, for example in tenure/promotion and university rankings. But actually there is a myriad of other interesting questions we can study using the data, in particular some "social" aspects of academic research. In this talk, I will describe our recent work on developing a populariont model of academic communities, and using it to understand the population, activity and productivity trend, structure and various other properties of the academic community. The model is based on extending the familiar branching process model. I will also briefly describe some other related (some on-going) studies we have done, and discuss the challenges and opportunities in this line of research.

Biography of the speaker: Dr. Dah Ming Chiu received his first degree from Imperial College London and his Ph.D. degree from Harvard University. He worked in industry for several high-tech companies of his time: Bell Labs, DEC and Sun Microsystems Labs. He returned to academia in 2002 to become a professor in the Department of Information Engineering at the Chinese University of Hong Kong, serving as department chairman from 2009 to 2015. Dah Ming is an IEEE Fellow. He served as an associate editor for IEEE/ACM Transaction on Networking from 2006 to 2011, and served on the TPC for many networking conferences. He was the general co-chair of ACM Sigcomm 2013, held in Hong Kong with record attendance. His normal research areas include computer networking, especially network content distribution, and network economics. His recent interest is shifting towards data-driven analysis applied to a broader set of issues, for which the subject of this talk is an example.
Organizer: Prof. V.O.K. Li