Online Learning: Towards Mining Big Media Data

**SPEAKER**  
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**DATE**  
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**TIME**  
10:00 am - 11:00 am  
(Refreshments will be served at 9:45 am)

**VENUE**  
CS Seminar Room, Y6405, 6th Floor  
Yellow Zone, Academic 1  
City University of Hong Kong  
83 Tat Chee Avenue  
Kowloon Tong

**ABSTRACT**

No doubt we are entering the Age of Big Data today. An example is about social media where huge data is being generated by billions of users through various social media sharing tools. The advent of big media data presents a number of opportunities and challenges for research and development of efficient and scalable machine learning and data mining techniques. In this talk, I will describe the opportunities and challenges of mining big media data, and present an overview of our recent progress in exploring online learning, a family of efficient and scalable machine learning algorithms, which are promising towards mining big media data in many real-world applications.

**BIOGRAPHY**

Dr Steven C.H. Hoi is currently an Assistant Professor of the School of Computer Engineering at Nanyang Technological University, Singapore. He received his Bachelor degree from Tsinghua University, and his PhD degree from Chinese University of Hong Kong. His current research interests are machine learning and data mining with application to tackle real-world challenges in several areas, including large-scale multimedia retrieval (image and video search), social media, web search and mining, computer vision and pattern recognition, and computational finance, etc. He has published over 100 referred papers in premier journals and top conferences in his field. He has actively served as an organizer for a number of conferences and workshops, such as General Co-chair for ACM SIGMM Workshops on Social Media (WSM’09-11), Program Co-Chair for the Asian Conference on Machine Learning (ACML’12), Area Chair/Senior PC/PC Members for many international conferences and workshops in multimedia, machine learning, and data mining areas.

**All are welcome!**

In case of questions, please contact Prof Lusheng Wang at Tel: 3442 9820, E-mail: cswangl@cityu.edu.hk, or visit the CS Departmental Seminar Web at http://www.csc.cityu.edu.hk/.