Towards Simple yet Effective Networked Systems for Data Centers

**Speaker**  
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**Date**  
12 October 2016 (Wednesday)

**Time**  
10:30 am - 11:30 am

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

**Abstract**

Data centers are infrastructure for big data and cloud computing. In our SING lab, we have been devoted to data center networking research for years. In this talk, I will first overview a lab-scale 100-server data center cluster we implemented and some representative research projects we performed on top of it. Then, I will elaborate more on one project, through which I hope to convey what is defined as a simple yet effective system work in my point of view.

**Biography**

Kai Chen is an Assistant Professor at CSE department of HKUST, where he leads the system networking (SING) lab. He received his PhD (2012) in Computer Science from Northwestern University. His main research interests include networked systems design and implementation, data center networks, networking support for cloud and big data applications. More info can be found at: [http://www.cse.ust.hk/~kaichen/](http://www.cse.ust.hk/~kaichen/).

All are welcome!