**Graph Mining@Huawei Noah's Ark Lab**

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**Abstract:**

In this talk, I will present a new learning framework on graphs, based on partially absorbing random walks where in each move, a random walker may get absorbed at current state with certain probability. I will show how various graph models can be unified, generated, analyzed, and compared in this framework. A variety of applications will be shown, including retrieval, classification, and salient object detection. I will also talk about how to scale up graph mining in general.

**About the Speaker:**

Zhenguo LI is a researcher in Huawei Noah's Ark Lab of Hong Kong. His research interests include machine learning and data mining. He received the B.S. and M.S. degrees in mathematics at Peking University, and the Ph.D. degree in machine learning at the Chinese University of Hong Kong. He was an associate research scientist in the Department of Electrical Engineering at Columbia University. His research focuses on developing principled graph-based tools for big data, with results published in NIPS, ICML, CVPR, ICCV, VLDB, ICDE, and others.

All are welcome!  
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