Research Seminar

Social Media Analysis with Graph Neural Networks

Dr Wanyu Lin
Research Assistant Professor
Department of Computing
The Hong Kong Polytechnic University
Hong Kong

Date ： 26 March 2021 (Friday)
Time ： 11:00 a.m. - 12:00 noon

► Abstract

Online social media, such as Facebook, has become a norm in our social and personal lives. The explicit or implicit social relationships established on social networks can be leveraged to market products or make recommendations. However, the open nature of online social media provides a favorable environment for malicious users to spread incorrect information, either for financial gains or to increase social influence. Therefore, social media analysis, such as social trust investigation, has attracted increasing attention from multiple disciplines. On the other hand, graph neural networks recently have shown to be powerful in learning on graphs. Their advantages provide great potential to analyze online social networks represented as graph data. In this talk, I will introduce our work of tackling complex social media analysis with graph neural networks.

► About the Speaker

Wanyu received her Ph.D. degree from the Department of Electrical and Computer Engineering at the University of Toronto in 2020. She received her B.Eng. degree from the School of Electronic Information and Communications, Huazhong University of Science and Technology, China, in 2012 and her MPhil. degree from the Department of Computing, The Hong Kong Polytechnic University in 2015. Her research interests include machine learning on graphs, transparent and trustworthy machine learning, and social network data mining. She is a member of IEEE.

ALL are welcome!

We drive innovation through
SMART COMPUTING