THE HONG KONG
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RESEARCH SEMINAR

Battling against Misinformation on Social Media and Its Challenges

Prof. Huan LIU
Regents Professor
School of Computing and Augmented Intelligence
Arizona State University
USA

Date : 11 April 2023 (Tue)
Time : 4:00 pm - 5:00 pm
Venue : FJ301

Abstract

Misinformation has become a global phenomenon, particularly so during times of crises such as the pandemic of COVID-19. Misinformation appears in a gamut of types from scams to conspiracy theories, to political campaigns, and to rumors. The wide dissemination of misinformation can have harmful impact on individuals and the society. Despite the recent progress in detecting fake news, misinformation detection and mitigation remains a defying task due to its scale, complexity, diversity, speed, and costs of fact-checking or annotation, as well as its social and psychological factors. LLMs make our battle even more challenging. In this talk, we look at some lessons learned when exploring strategies of detecting disinformation and fake news and discuss challenges in misinformation research and the pressing need for interdisciplinary research.

About the Speaker

Prof. Huan LIU is a Regents Professor and Ira A. Fulton Professor of Computer Science and Engineering at Arizona State University. His research interests include AI, data mining, feature selection, social computing, and social media mining. He is a co-author of the textbook, Social Media Mining: An Introduction, by Cambridge University Press. He is Founding Field Chief Editor of Frontiers in Big Data, its Specialty Chief Editor of Data Mining and Management, Editor in Chief of ACM TIST, and a founding organizer of the International Conference Series on Social Computing, Behavioral-Cultural Modeling, and Prediction. He is the recipient of ACM SIGKDD 2022 Innovation Award, and a Fellow of ACM, AAAI, AAAS, and IEEE.

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