香港浸會大學
HONG KONG BAPTIST UNIVERSITY

DEPARTMENT OF
COMPUTER SCIENCE
計算機科學系

DEPARTMENT OF COMPUTER SCIENCE

SEMINAR 2024 SERIES

Heterogeneous Federated Learning: Generalization, Robustness, Personalization, Fairness

DATE & TIME

12 AUG 2024 (MON) 10:30 – 11:30 AM

VENUE

Dr. Wu Yee Sun Lecture Theatre (WLB 109),
The Wing Lung Bank Building for Business Studies, Shaw Campus

PROF. MANG YE

Professor
School of Computer Science
Wuhan University

ABSTRACT

Federated learning has emerged as a promising paradigm for privacy-preserving collaboration among different parties. In this talk, I will firstly provide a systematic overview on the developments and challenges of heterogeneous federated learning. Then, I will share our recent endeavours from four different parts, Generalization, Robustness, Personalization, Fairness. I will introduce the motivations and ideas of our latest works. Finally, I will discuss some challenges and opportunities for future work.

SPEAKER'S BIOGRAPHY

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