THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

50th Anniversary Department of Computing
電子計算學系

Research Centre on
Data Science & Artificial Intelligence
RC-DSAI 人工智能與數據科學研究中心

IEEE Computational Intelligence Society

Distinguished Seminar Series on Data Science & Artificial Intelligence

Peng Cheng Cloud Brain and Mind Series of Large Model

Prof. Wen GAO

Member of Chinese Academy of Engineering,
Director of Pengcheng Laboratory,
Boya Chair Professor at Peking University
China

📅 **20 May 2024 (Mon)**

🕒 **15:00 - 16:00 (HKT, UTC+8)**

📍 **Online via Zoom / HJ304**

🅐 **English**

✏️ **Please register at https://polyu.hk/cPqHB or scan the QR code**

All are welcome!

Abstract

As a revolutionary chat pre-training model, ChatGPT has already had a huge impact on global economic. It is the strong foundation of computing power that enables large models to continuously improve in the process of understanding massive data, resulting in breakthrough innovations. Based on the Peng Cheng Cloud Brain E-level intelligent computing platform, Peng Cheng Laboratory is training PCL Mind Series of Large Model. Mind is the first fully autonomous, controllable, safe, open-source pre-training foundation model in China, where the performance of the 200 billion parameter base model reaches the international advanced level, and the output content conforms to the Chinese core values. Peng Cheng Laboratory is opening up PCL Mind cooperation and works with external partners to continuously build a large model open-source consortium for a domestic large model ecosystem.

About the Speaker

Prof. Wen GAO is a member of Chinese Academy of Engineering, ACM Fellow and IEEE Fellow. He is the founding director of Pengcheng Laboratory (Shenzhen, China). He is also a Boya Chair Professor and the director at the Faculty of Information and Engineering Sciences, Peking University. He is currently a deputy to the 14th National People's Congress. He used to be a member of the 10th, 11th and 12th CPPCC National Committee, the vice president of National Natural Science Foundation of China, the chairman of China Computer Federation and the chief editor of Chinese Journal of Computers.

He earned seven State Awards in Science and Technology Achievements as the first accomplisher. He received the National May 1 Labor Medal (2023), Wu Wenjun AI Highest Achievement Award (2023), the Prize for Scientific and Technological Progress of Ho Leung Ho Lee Foundation (2022), the Outstanding Contribution Award of Guangdong Province (2021), the CCF Wang Xuan Award and the title of "2005 China's Top Ten Educational Talents".

Prof. Gao has engaged in the research of artificial intelligence, multimedia, computer vision, pattern recognition, image processing, and virtual reality. He published six books and over 300 papers in international journals in the above areas.