

Distinguished Seminar Series on Data Science & Artificial Intelligence

The Impact of ChatGPT on Artificial Intelligence Research and Social Development

Prof. Chengqi ZHANG

Pro Vice-Chancellor and
Distinguished Professor (Artificial Intelligence)
University of Technology Sydney
Australia



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🕒 16:00 - 17:00 (HKT, UTC+8)

📍 Online via Zoom / N001

🗣️ English

✍️ Please register at <https://polyu.hk/AtVAR>
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All are welcome!

Abstract

ChatGPT is a large language model based on the GPT-3.5 architecture that generates human language with logic and semantics by processing massive amounts of language data. Its emergence has made a qualitative breakthrough in the cognitive field of AI research and has shown the prospect of general artificial intelligence. It will profoundly affect various directions of AI research. The stunning effect and convenience of ChatGPT will influence various aspects of people's work and life. However, as a generative model, ChatGPT cannot guarantee the accuracy of the generated results. Therefore, in domains where inaccurate results can have serious consequences, it is necessary for human experts to supervise its use. In summary, embracing the development of AI can bring a better future, but we should use it with caution and supervision in critical domains.

About the Speaker

Prof. Chengqi Zhang has been the Pro Vice-Chancellor and Distinguished Professor of UTS. He has been appointed as the General Chair of IJCAI-2024 and a member of the IJCAI Trustee (2022-2026). Between 2021 and 2023, he was invited to be a judge for China and Asia Pacific for MIT Technology Review Innovators Under 35 (TR35). Prof. Zhang received a PhD degree from the University of Queensland in October 1991, and a DSc (Higher Doctorate) degree from Deakin University in October 2002. All degrees are in the field of computer science (the field of artificial intelligence).

So far, Prof. Zhang has published more than 350 scientific research papers; According to Google Scholar, his total papers have attracted a total of more than 23,000 citations and an H-index of 66. He was invited to give 28 keynote speeches at international conferences. He has supervised more than 30 doctoral graduates, 9 of whom have been promoted to full professorships. He was the recipient of the NSW Science and Engineering Award in the Engineering and ICT category in 2011 and the Vice-Chancellor's Award for Outstanding Research in Leadership at UTS in 2011.

Prof. Zhang was a college of experts in the Australian Research Council (ARC) from 2012 to 2014. He has also served as the chair of the world's three top conferences in the field of artificial intelligence (including ICDM-2010, KDD-2015, IJCAI-2024).