

## *Distinguished Seminar Series on Data Science & Artificial Intelligence*

# What ChatGPT Can and Cannot Do, and A Chat About AIGC

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Online via Zoom / FJ302

English

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*All are welcome!*

## Abstract

In late 2022, OpenAI launched ChatGPT. In addition to being able to write and chat coherently, ChatGPT has demonstrated the ability to answer questions in multiple domains, marking a major step forward for generative AI or AIGC.

In the future, many industries, such as technology, media, law, healthcare, education and finance, will embrace the challenges and opportunities of ChatGPT and AIGC. From a research point of view, what tasks ChatGPT is capable of, what capabilities it lacks, and how generative AI will impact human life and work, are cutting-edge topics worth investigating.

## About the Speaker

Prof. Jiebo LUO is the Albert Arendt Hopeman Professor of Engineering and Professor of Computer Science at the University of Rochester which he joined in 2011 after a prolific career of fifteen years at Kodak Research Laboratories. He has authored nearly 600 technical papers and holds over 90 U.S. patents. His research interests include computer vision, NLP, machine learning, data mining, computational social science, and digital health. He has been involved in numerous technical conferences, including serving as program co-chair of ACM Multimedia 2010, IEEE CVPR 2012, ACM ICMR 2016, and IEEE ICIP 2017, and general co-chair of ACM Multimedia 2018 and IEEE ICME 2024. He has served on the editorial boards of the IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI), IEEE Transactions on Multimedia (TMM), IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), IEEE Transactions on Big Data (TBD), ACM Transactions on Intelligent Systems and Technology (TIST), Pattern Recognition, Knowledge and Information Systems (KAIS), Machine Vision and Applications (MVA), and Intelligent Medicine. He was the Editor-in-Chief of the IEEE Transactions on Multimedia (2020-2022). Professor Luo is a Fellow of ACM, AAAI, IEEE, SPIE, and IAPR, as well as a Member of Academia Europaea and the US National Academy of Inventors.

