

Colloquium

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WHEN BRAIN-INSPIRED AI MEETS ARTIFICIAL GENERAL INTELLIGENCE

Friday, September 15, 2023
3:00 p.m. in Zoom

ABSTRACT. ChatGPT and GPT-4 have demonstrated remarkable performance in many natural language processing (NLP), reasoning, content generation, and multimodal tasks, particularly, in zero-shot learning settings. In some sense, ChatGPT/GPT-4 already exhibits human intelligence traits, or artificial general intelligence (AGI). In this talk, I will share my understanding of core technologies in ChatGPT/GPT-4 including foundation models, large language models (LLM), in-context learning, prompt engineering, reinforcement learning from human feedback, and multimodal integration, and in particular, I will offer brain science perspectives to these innovative methodologies and their applications in public health.