

HKU-TCL Joint Research Centre for AI Workshop

Speaker:

Dr. Jiajun SHEN
Chief AI Scientist
TCL Corporate Research (Hong Kong) Co., Ltd.

Title:

AI Research at TCL: A Few Research Problems and Applications

Abstract:

Lots of interesting threads of research are occurring in the AI and ML research community, including unsupervised learning, graph learning, privacy-preserving machine learning, causal reasoning, on-device AI, etc. Among these directions, the research problems and challenges ahead of us are immense and exciting. At TCL AI Research, we want to tackle these challenges, advance the frontier of AI with cutting-edge research and bring innovative solutions to problems that are mission-critical to our products. What research directions are we betting on at TCL and how breakthroughs in these directions can fundamentally change the outlook of our products and bring us closer to our company vision? In this talk, I would like to share our views on these questions. More specifically, I will list a few important research problems from areas like material research, smart manufacturing, AIoT, etc., our current progress as well as potential research collaboration opportunities at HKU-TCL Joint Research Center.