



Contribution ID: 23

Type: **not specified**

Knowledge Transfer in AI Workload Acceleration: from Academia to Industry

Wednesday 11 September 2024 10:45 (15 minutes)

At UIUC, there is strong ongoing collaboration between academia and industry, reflected in large industry-sponsored centers and institutes such as the IBM-Illinois Discovery Accelerator Institute (IIDAI) and the Center for Networked Intelligent Components and Environments (C-NICE), as well as in smaller and medium-sized partnerships like the AMD Center of Excellence and the Amazon-Illinois Center on AI for Interactive Conversational Experiences (AICE). The research activities in these centers are closely aligned with the strategic goals of industry partners, driving innovation, performance improvements, and market competitiveness across various high-tech sectors. Through close collaboration between UIUC students, faculty, and industry professionals, we aim to publish technical papers in top conferences and journals, while also transferring valuable knowledge back to industry. Additionally, many of these projects are open-source, with code freely available to benefit both the research community and industry. In this talk, Prof. Chen will highlight these topics, with a focus on AI workload acceleration.

Presenter: CHEN, Deming (University of Illinois at Urbana-Champaign)