香港浸會大學
HONG KONG BAPTIST UNIVERSITY

DEPARTMENT OF
COMPUTER SCIENCE
計算機科學系

TMLR Young Scientist SEMINAR
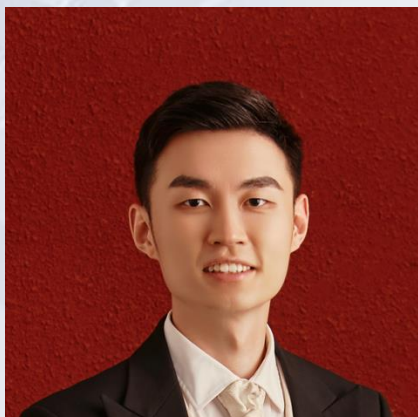**2024 SERIES**

Trustworthy Machine Learning and Reasoning Group

Mr. Zhengyang Geng

PhD student,
School of Computer Science,
Carnegie Mellon University.

📅 **Date: 17 Oct 2024 (Thursday)**
🕙 **Time: 10:00 – 11:00 (HKT)**
🖥️ **Meeting: https://meeting.tencent.com/dm/j1402vIP58xj**

On the Landscape of Diffusion Acceleration

💬 **ABSTRACT**

In this talk, we explore the landscape of diffusion acceleration through parallel samplers, consistency models, and score distillations. We will discuss how these approaches contribute to faster and more efficient generative modeling, along with their theoretical foundations and scaling behaviors.

📝 **BIOGRAPHY**

Zhengyang is a Ph.D. student in Computer Science at Carnegie Mellon University, advised by Prof. Zico Kolter. Prior to CMU, he was a research assistant at Peking University advised by Prof. Zhouchen Lin. Zhengyang's research focuses on the intersection of machine learning, deep learning, and dynamical systems, with a particular interest in understanding and modeling dynamics that drive the perception and generation processes in neural networks.

ENQUIRY

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