**DEPARTMENT OF COMPUTER SCIENCE**

**SEMINAR**  **2025 SERIES**

# Generative Machine Learning for Combinatorial Optimization

**DATE & TIME**
7 JUL 2025 (MON) 5:00 - 6:00 PM

**VENUE**
RRS732, 7/F, SIR RUN RUN SHAW BUILDING, HO SIN HANG CAMPUS

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### ABSTRACT

In this talk, I will discuss the development of machine learning for combinatorial optimization, not only in general methodology but also particularly in generative models for AI4Opt. I will show how the idea of diffusion models could be introduced to solve the notoriously hard combinatorial problems. I also give some prospective ideas on the future of the research directions.

SPEAKER'S BIOGRAPHY

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