



The Hong Kong University of Science and Technology

Department of Mathematics

Seminar on Applied Mathematics

**Mid-presentations of research projects in RIPS-HK
and SPIA programs**

by

Student participants of RIPS-HK and SPIA programs

Abstract

Student participants of RIPS-HK and SPIA will give their mid-presentation on their research projects as follows:

RIPS-HK program:

- AECOM's project on air ventilation assessment
- Real AI's project on using deep Q-learning to trade Bitcoin
- Tencent's project on conditional music generation
- Using.ai's project on semi-supervised learning for visual semantics

SPIA program:

- Charles River Advisors' project on a T+0 stock trading strategy based on machine learning techniques
- ClusterTech's project on improving cold front arrival time and low-level wind speed prediction
- Magnum Research's project on portfolio management using reinforcement learning
- Tencent's project on image-to-image translation method

Date: Wednesday, 18 July 2018

Time: 9:30a.m. – 12:30p.m.

Venue: Room 4503, Academic Buildings (Lifts 25, 26), HKUST

All are welcome!