



THE HONG KONG UNIVERSITY OF SCIENCE & TECHNOLOGY

Department of Mathematics

## **PHD STUDENT SEMINAR**

### **Decentralized Finance: Investment Aggregator and Portfolio Management System**

By

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#### **Abstract**

The global blockchain technology market size is expected to expand at a compound annual growth rate of over 80% from 2021 to 2028. Cryptocurrency investors are overwhelmed with the rapid evolvments and abundant investment options such that it becomes difficult for them to make effective investment plans efficiently. Ovisor is created to be the DeFi revolutionist, the all-in-one investment aggregator to deal with pain points in crypto investments. Meanwhile, the assets under management of crypto hedge funds have globally increased nearly 1.8 billion USD in last year; the median annual return of crypto hedge funds reached 128% in 2020; more than a fifth traditional hedge funds are investing in digital assets and more than 85% of them intended to deploy more capital into the blockchain market. With the growth in blockchain market, expansion of crypto hedge funds, and more institutional participants, a one-stop crypto portfolio management system will become increasingly demanding. Crypto Portfolio Manager (CPM) is designed to serve as a high-quality crypto data warehouse, to provide in-depth portfolio analytics, and to be one-stop trading platform for digital asset managers. In this seminar, I will introduce the designs and demonstrate current progress of these two crypto projects, Ovisor, the next-generation investment aggregator, and CPM, the unprecedented portfolio management system.

**Date : 5 May 2022 (Thursday)**

**Time : 8:00pm**

**Zoom Meeting : <https://hkust.zoom.us/j/91818394579> (Passcode: 637071)**

*All are Welcome!*