

CQSE-NCTS-CASTS-CTP

Joint Seminar

「Mar. 5, 2021 (Friday)」

- Time : 14:30~15:30
- Place : Rm104, New Physics Building
- Speaker: **Dr. Min-Hsiu Hsieh** 謝明修
Quantum Computing Centre,
Hon Hai Research Institute 鴻海研究院
- Title : **Challenges and Opportunities of Quantum Machine Learning**

▲ The seminar is also open to non-NTU members; hence all participants must wear a mask. (Following Fall and Winter Precautionary Measures)

**Sponsored by Center for Quantum Science and Engineering (CQSE), National Center for Theoretical Sciences (NCTS)-Physics Division- Themetical Group TG1.1, Center for Advanced Study in Theoretical Sciences (CASTS), and Center for Theoretical Sciences (CTP), NTU

Joint CQSE-NCTS-CASTS-CTP Seminar

2021

March 5, Friday

TIME Mar. 5, 2021, 2:30~3:30pm
TITLE Challenges and Opportunities of Quantum Machine Learning
SPEAKER Dr. Min-Hsiu Hsieh
Quantum Computing Centre, Hon Hai Research Institute
PLACE Rm104, Chin-Pao Yang Lecture Hall,
CCMS & New Physics Building, NTU

Abstract:

This will be a high level introductory talk. In this talk, I will introduce the core questions of quantum machine learning at this stage, and discuss my results in those directions.

Biography Brief:



Min-Hsiu Hsieh received his BS and MS in electrical engineering from National Taiwan University in 1999 and 2001, and PhD degree in electrical engineering from the University of Southern California, Los Angeles, in 2008. From 2008-2010, he was a Researcher at the ERATO-SORST Quantum Computation and Information Project, Japan Science and Technology Agency, Tokyo, Japan. From 2010-2012, he was a Postdoctoral Researcher at the Statistical Laboratory, the Centre for Mathematical Sciences, the University of Cambridge, UK. From 2012-2020, he was an Australian Research Council (ARC) Future Fellow and an Associate Professor at the Centre for Quantum Software and Information, Faculty of Engineering and Information Technology, University of Technology Sydney, Australia. He is now the director of Hon Hai (Foxconn) quantum computing center. His scientific interests include quantum information, quantum learning, and quantum computation.

- N O T I C E -

- ▲ Please swipe NTU card / ID card when entering CCMS-Phys. Building.
- ▲ Both faculty members and participants are required to wear sanitary masks all the time.
- ▲ All participants and event workers should stay at designated areas and minimize contact at short distances.
- ▲ We collect personal info during covid-19 only for contact tracing purposes.

