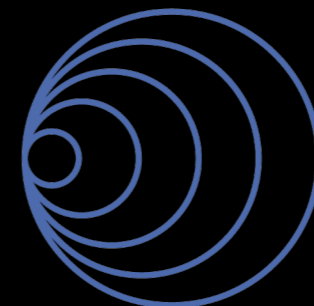
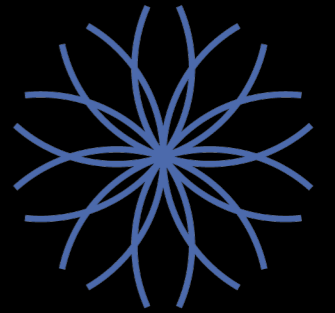
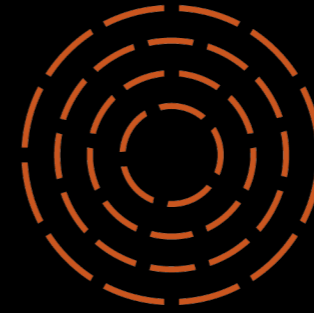


# CHiP Cross-Strait Workshop on Advanced Detectors and Technologies

Yuan-Hann Chang (AS)

Chia-Ming Kuo (NCU)

Jianchun Wang (IHEP)



2024  
CHIP Cross-Strait  
2024

2024/06/17  
CHIP, NCU

2024/06/18  
-19  
IoP, AS

# Workshop on Advanced Detectors and Technologies

— 海峽兩岸尖端探測器與技術研討會

Particle Detector  
Development Status

Modern high energy physics experiments

Calorimetry

Tracking Detectors

Timing Detectors and Electronics



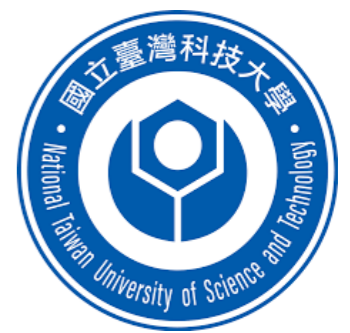
Taiwan Instrumentation and  
Detector Consortium

台灣偵測器  
聯合實驗室



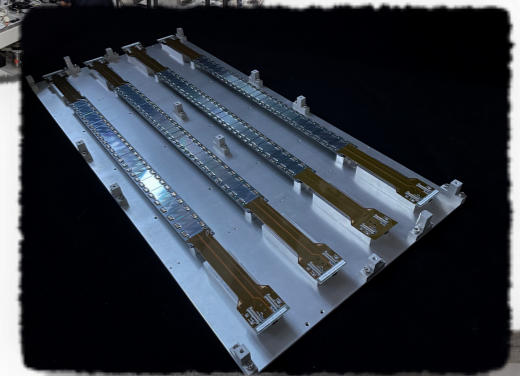
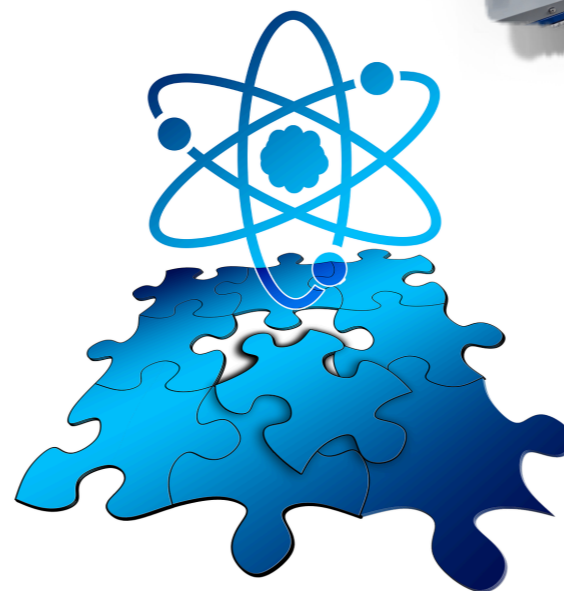
# About CHiP

- CHiP was first funded in 2018 based on the first phase of the Higher Education Sprout Project by the Ministry of Education
- The phase-1 ended at the end of 2022
- Phase-2 started in 2023
- We will have a mid-term review in 2025



# Missions

- Scientific goal: frontier physics research, focus on a few key physics questions to understand the fundamental structure of matter and the origin and evolution of the Universe
- Advanced experimental technologies
- Collaborate with industrials
- Cultivate talents
- Social responsibilities



# Structure of the CHiP



# International Collaborations



Jun 17 Detector talks in NCU

Jun 18 Detector talks in AS

Visit to the TIDC Detector Laboratory in NTU

Jun 19 Detector talks in AS

