
2024 TQCD meeting 1

Taiwan community workshop on trends in
strong interaction physics

12. January 2024

Welcome to the TQCD meeting, it's awesome to see you all!



... 10th TQCD meeting, so far:

- 66 talks
- 36 speakers

... speaker leaderboard (>2 talks):

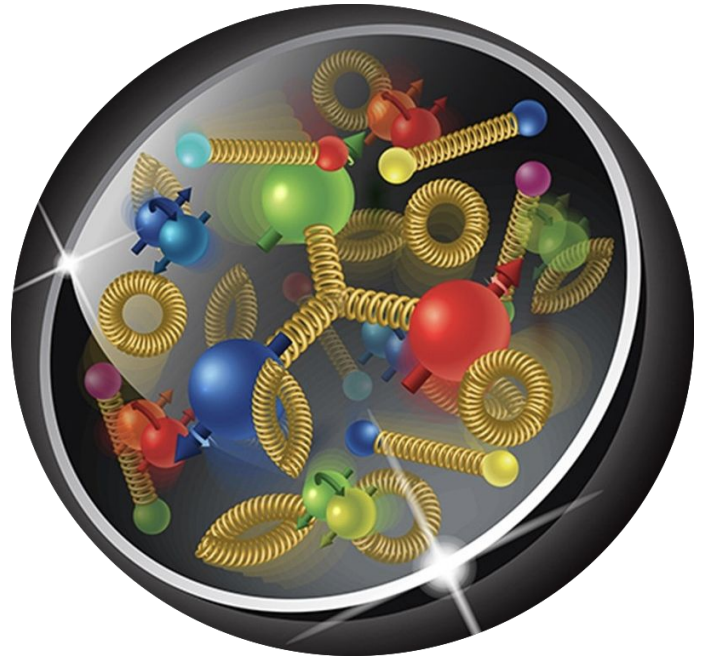
- Wen-Chen Chang - 6 talks
- Hsiang-Nan Li - 3 talks
- Ho Hsiao - 3 talks

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Timeline of this workshop:

- Started in 2018
- Held at Academia 5 times
- You can check out the previous iterations here:

<https://indico.phys.sinica.edu.tw/category/1/>

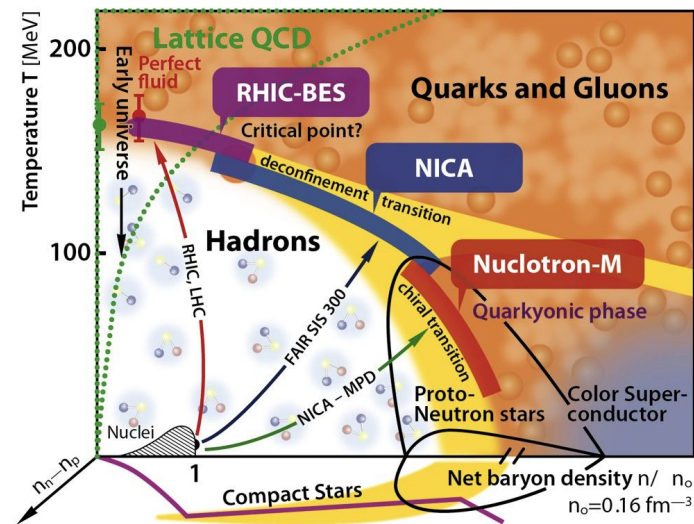
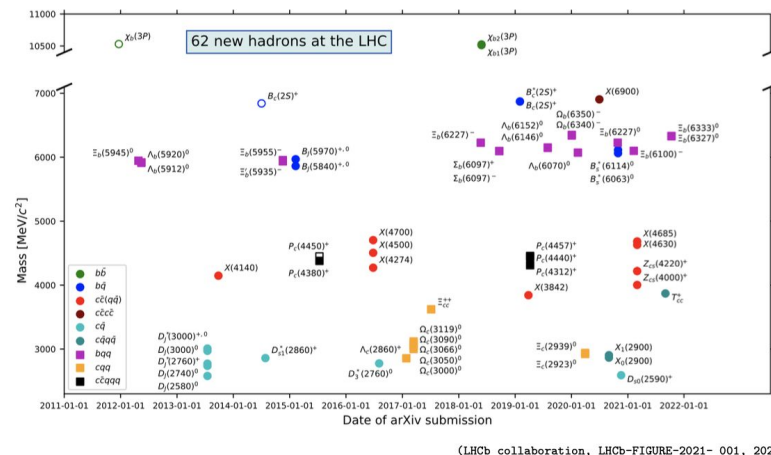


Scope & Challenge

Foster exchange and collaboration between theory and experiment

- All topics related to strong interaction physics
- From heavy-ion collisions to hadronic decays to hadrons spectra and parton distributions

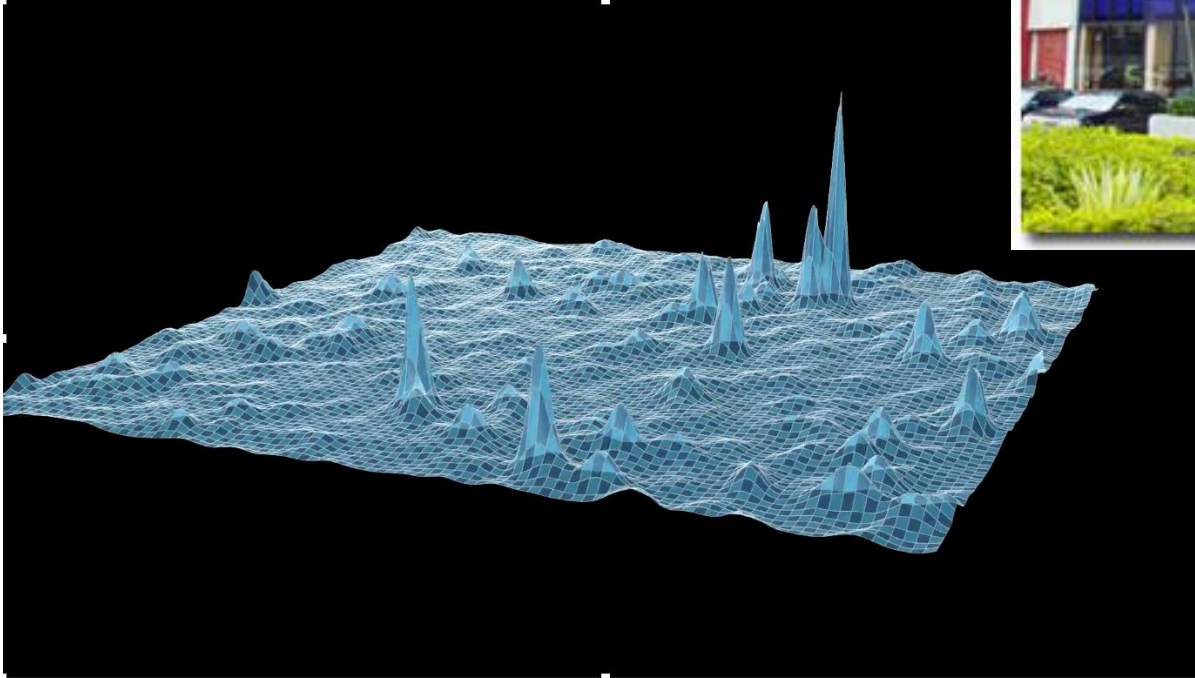
Discuss and present the range of phenomena & their interplay that are relevant & challenging to describe & reveal the properties of strong interactions



Workshop Program

	Title	Speaker
9:50	Welcome	Anthony Francis
10:00	Searching for $B^0 \rightarrow \bar{p} \Sigma^0 \pi^+$ and $B^+ \rightarrow \bar{p} n \pi^0$ at Belle	Min-Zu Wang
10:30		
11:00	Hydrodynamic fluctuations in high-energy heavy-ion collisions	Azumi Sakai
12:00		
13:00	Charmless two body baryonic B decays and baryonic semileptonic B decays	Chun-Khiang Chua
13:40	The strangest lifetime: a bizarre story of $\tau(\Omega_c)$	Hai-Yang Cheng
14:20	New Insights on the Lepton Angular Distributions in Drell-Yan and Vector Boson Production	Jen-Chieh Peng
14:50		
15:30	The lattice computation of the TMD soft function using the auxiliary field representation of the Wilson line	Wayne Morris
16:00	Superconducting baryon crystal induced via the chiral anomaly	Geraint Evans
16:30	Vacuum and Particle creation -- from an experimental view	Augustine Chen
17:00	Farewell and next TQCD	Anthony Francis

**We hope you have a great time
and a fruitful day!**



**After the workshop is before the workshop.
Hope to see you again next time!**



... 10th TQCD meeting:

- Heavy hadron decays
- Hydro in HIC
- TMDs, Drell-Yan, chiral anomaly ...

... 11th TQCD meeting:

- Who can host?
- Where can we hold it?