



National Taiwan University

Workshop on Recent Developments in Chiral Matter and Topology

December 6 ~ 9, 2018
National Taiwan University, Taipei, Taiwan

HOME

REGISTRATION

PROGRAM

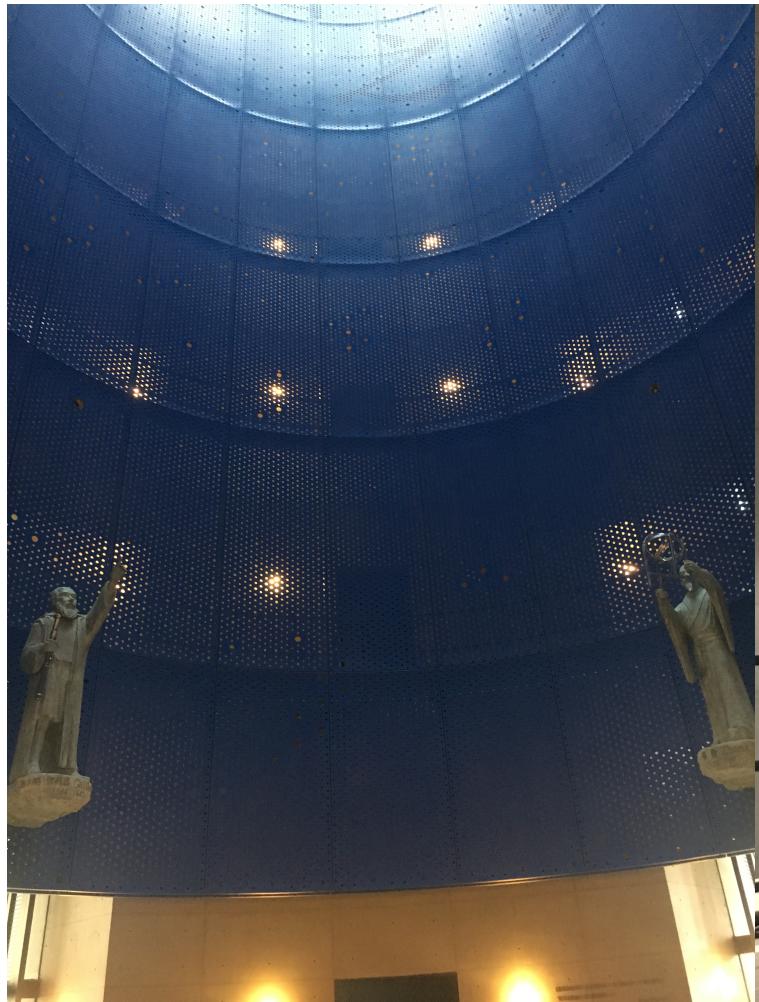
VENUE

TRAVEL INFO

PARTICIPANTS

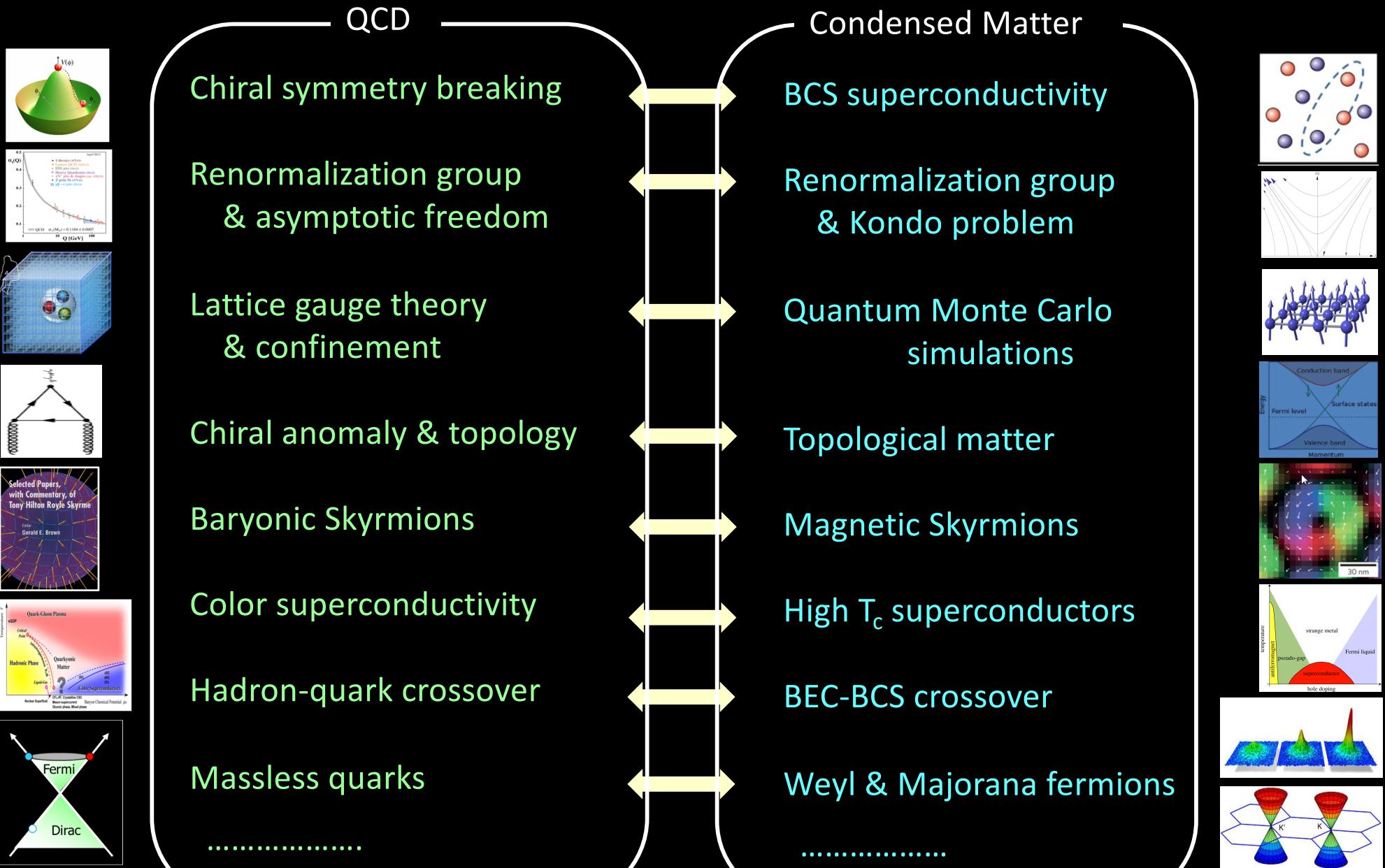
POSTER





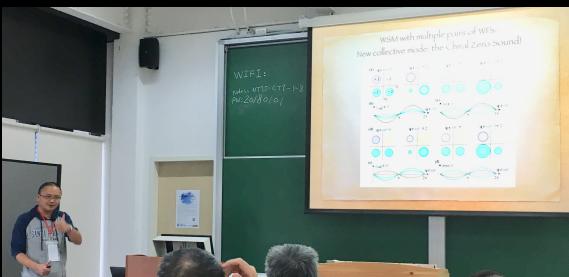


Fundamental concepts across the energy scale

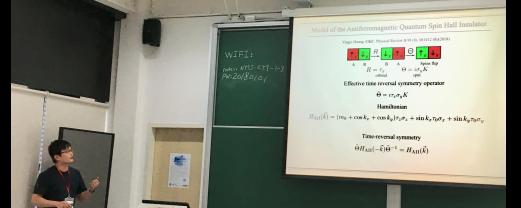


Day 1 (Dec.6)

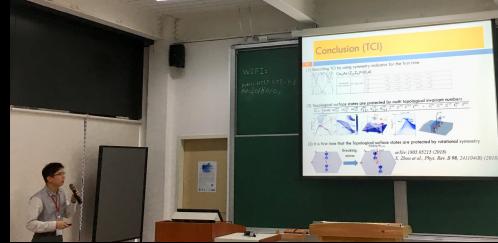
Chiral collective modes (Dai)



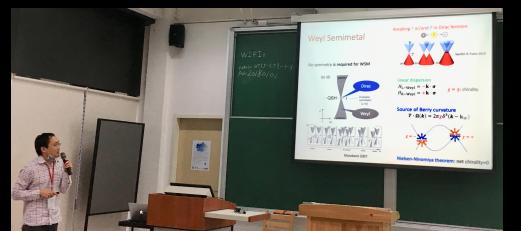
Realization of Helical Majorana mode (Chiu)



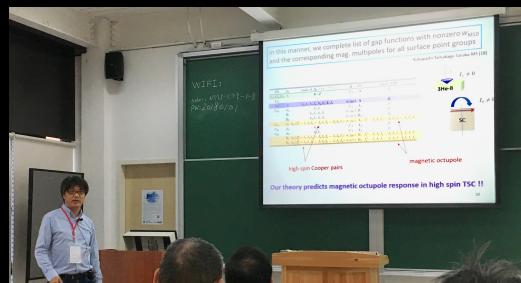
Topological crystalline Insulator (Chang)



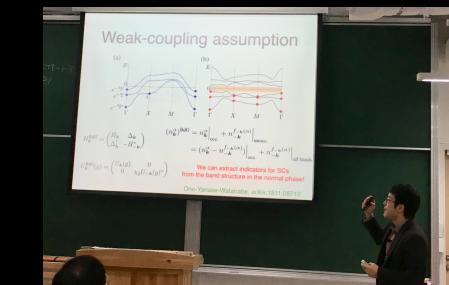
Vorticity and Weyl nodes (Huang)



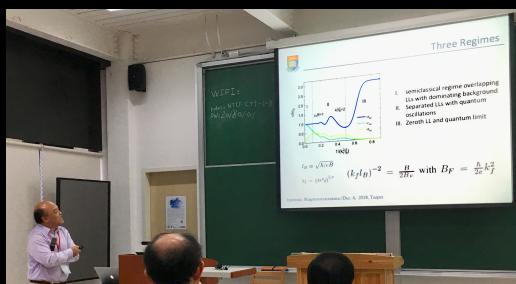
Helical Majorana fermions (Sato)



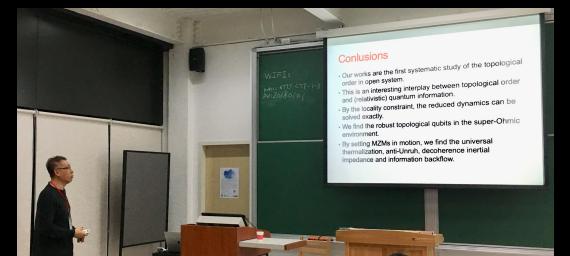
Intrinsic magneto-resistance (Shen)



Topology from symmetry (Watanabe)



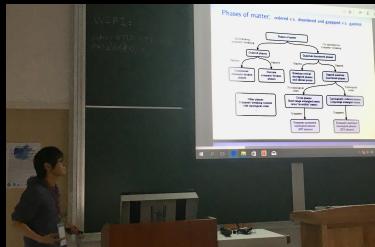
Topological qubits (Lin)



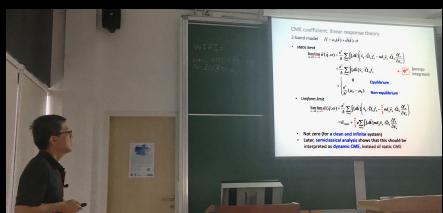
Day21 (Dec.7)



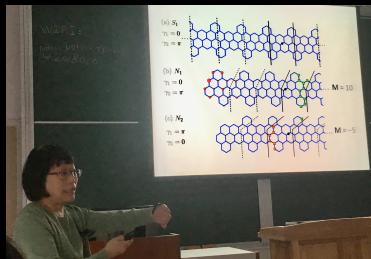
SPT phase
(Ryu)



Chiral magnetic
plasmon (Shovkovy)

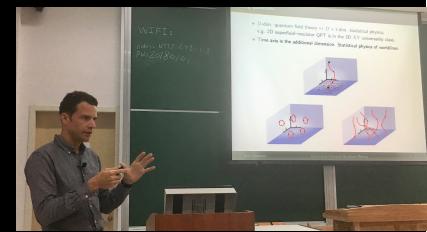


Dynamical
chiral magnetic Effect
(Chang)

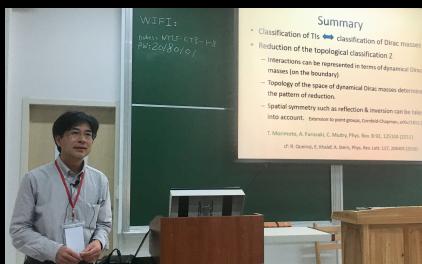


Graphene
nanoribbons
(Chou)

Quantum Dislocation
and Disclination
(Beckman)



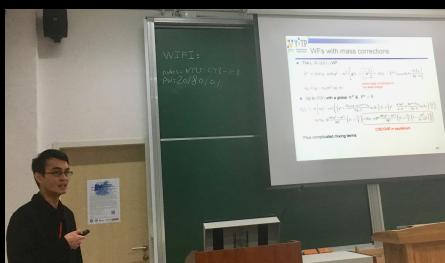
Topological
classification
(Furusaki)



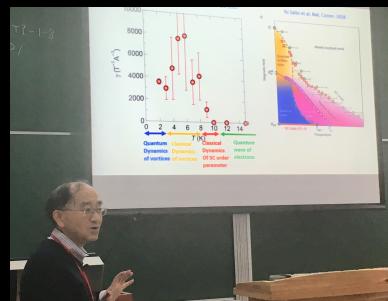
Chiral Wigner
Function (Wang)



Chiral quantum
Transport (Yang)

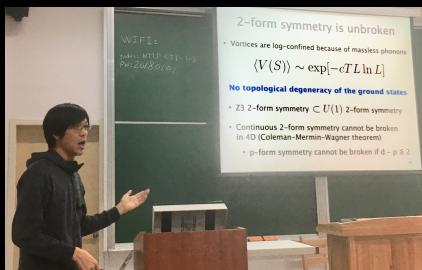
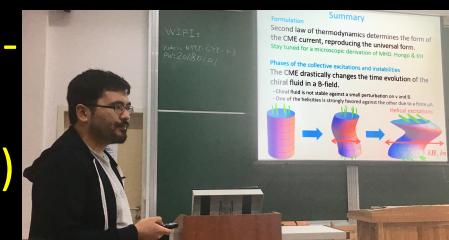


Anomaly Matching
(Hsieh)



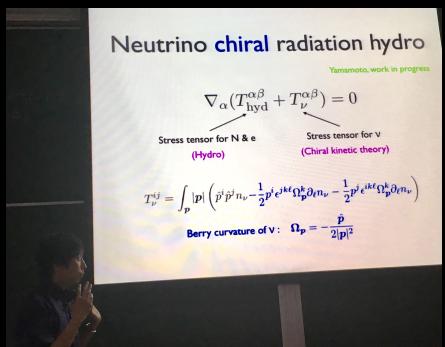
Non-reciprocality
Transport (Nagaosa)

Chiral magneto-
hydrodynamics
(Hattori)

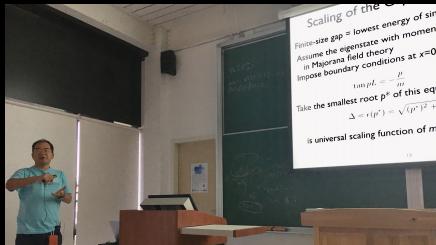


Hadron-quark
Continuity (Hirono)

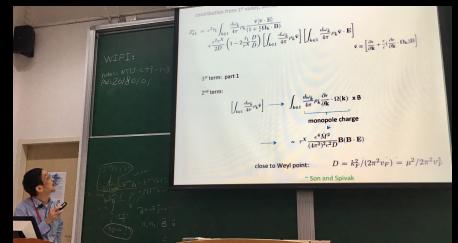
Day 3 (Dec.8)



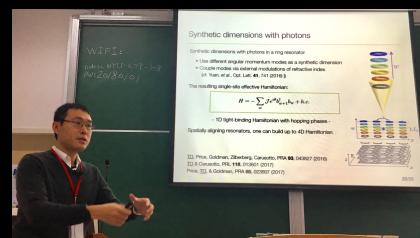
Inverse cascade (N. Yamamoto)



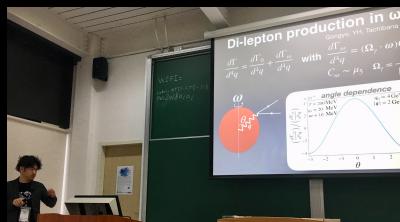
Finite size Scaling (Oshikawa)



Synthetic dimension (Ozawa)



Helical Majorana modes (Chung)



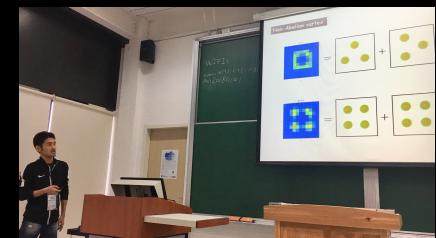
Particle production (Hidaka)



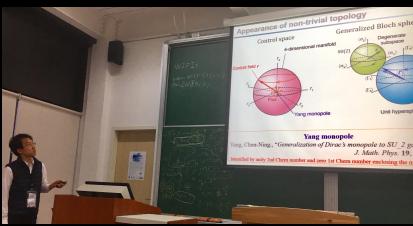
Hidden positivity In Ising (Huang)



Non-abelian Vortex (A. Yamamoto)



Mathieu-Planck Functional (Hongo)



Monopole engineering (Sugawa)



Photonic crystal (Guo)

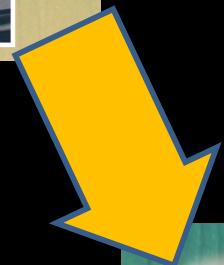




Workshop of Recent Developments in QCD and Quantum Field Theories

November 9-12, 2017

National Taiwan university, Taipei, Taiwan



Workshop on Recent Developments in Chiral Matter and Topology

December 6 ~ 9, 2018

National Taiwan University, Taipei, Taiwan

HOME

REGISTRATION

PROGRAM

VENUE

TRAVEL INFO

PARTICIPANTS

POSTER





National Taiwan University

Workshop on Recent Developments in Chiral Matter and Topology

December 6 ~ 9, 2018
National Taiwan University, Taipei, Taiwan

SPONSORS:



RIKEN interdisciplinary
Theoretical & Mathematical
Sciences

ORGANIZERS:

Jiunn-Wei Chen (National Taiwan Univ.)

Guang-Yu Guo (National Taiwan Univ.)

Tetsuo Hatsuda (RIKEN iTHEMS)

Chang-Tse Hsieh (Kavli IPMU / ISSP, the Univ. of Tokyo)

Hsiang-Nan Li (Academia Sinica)

Tomoki Ozawa (RIKEN iTHEMS)

Di-Lun Yang (RIKEN Nishina Center; YITP, Kyoto)

CONTACT:

Ms. Chia-Chi Liu (National Taiwan Univ.)

ccliu@phys.ntu.edu.tw

Ms. Tzu Ying Huang (National Taiwan Univ.)

zihying@phys.ntu.edu.tw

- Students, postdocs and staffs -