# Symposium on Topological and Quantum Devices

Time: Wednesday, April 17, 2019

Venue: Meeting Room 2135, No. 2 Science Building, Peking University

## Scientific Program

10:00-13:00 Arrival and registration

13:00-13:30 Tilen Cadez (Institute of Theoretical Physics, CAS)
Dynamical localization and delocalization in Floquet systems

13:30-140:00 Shaoyun Huang (Peking University)
Multiple quantum dots made from semiconductor nanowires

14:00-14:30 Daniel Steffensen (Niels Bohr Institute, Copenhagen University)
Intrinsic topological superconductivity induced by textured magnetic order

14:30-15:00 Jinhua Zhi (Peking University)
Superconductor-InSb layer hybrid quantum devices

15:00-15:30 Coffee/tea break

15:30-16:00 Yunpeng Huang (Institute of Theoretical Physics, CAS)
Strain-induced Chern insulator in a chiral magnet on a square lattice

16:00-16:30 Mengmeng Meng (Peking University)
Spin-orbit interaction and universal conductance fluctuations in semiconductor $Bi_2O_2Se$ nanolayers

16:30-17:00 Panagiotis Kotetes (Institute of Theoretical Physics, CAS)
Next generation Majorana nanowire hybrids

17:00-17:30 Zhihai Liu (Peking University)
Topological states in InSb nanolayers

17:30-17:50 Yingjie Xing (Peking University)
Kondo insulator and topological crystalline insulator nanomaterials grown by CVD