0.70.00	Tuesday, April 1, 2014
8:50-9:00 9:00-11:00	Opening T1 Session
9:00	Shou-Cheng Zhang Recent Progress of Topological Insulators and Superconductors
9:30	F. Duncan M. Haldane Topological Metals and Surface Fermi Arcs
10:00	Qi-Kun Xue Atomic Level Control of Quantum Material Growth: From Quantized Anomalous Hall Effect to Interface Enhanced High Temperature Superconductivity
10:30	Takashi Takahashi Topological Insulators Studied by Spin-Resolved ARPES
11:00-11:10	Break
11:10-13:00	T2 Session
11:10	Naoto Nagaosa Towards Skyrmionics
11:40	Xi Dai Quantum Anomalous Hall Effect: Material Design for Chern Insulators
12:10	Qi-Feng Liang Antiferromagnetic Topological Insulator
12:35	Kazunari Yamaura New 5d Materials in Solid-State Osmium Oxides
13:00-14:00	Lunch
14:00-15:55	T3 Session
14:00	Sankar DasSarma "Has (the) Majorana Really Returned?"
14:30	Carlo Beenakker Majorana Fermions in a Quantum Spin Hall Insulator
15:00	Jin-Feng Jia Topological Superconductor and Majorana Fermion
15:30	Takashi Uchihashi Monatomic Surface Superconductor: Challenge for Creating New Two-dimensional Materials
15:55-16:05	Break
16:05-18:00	T4 Session
16:05	Hideo Aoki Photo-Induced Floquet Topological Insulator
16:35	Kazuaki Sakoda Photonic Dirac Cone in the Brillouin-Zone Center and Zero-Index Material
17:00	Fu-Chun Zhang Localized States and Quantum Spin Hall Effect in Si-Doped InAs/GaSb Quantum Wells
17:30	Ying Ran Quantum Phases of Correlated Electronic Systems on the Honeycomb Lattice at Commensurate Filling
19:00-	Banquet

_	Wednesday, April 2, 2014
8:30-11:00 8:30	W1 Session Yoshinori Tokura Electromagnetic Responses of Dirac Electrons in Bulk Rashba Semiconductors and Topological Insulator
9:00	Qian Niu Field Correction to non-Canonical Geometry of Bloch Electrons
9:30	Daniel Loss Exotic Quantum States at the Edge: From Majorana- to Para-Fermion
10:00	Zhong Fang Topological Semimetals in Realistic Compounds
10:30	Yasuhiro Hatsugai Bulk-Edge Correspondence: Variety and Universality
11:00-11:10 11:10-13:00 11:10	Break W2 Session Yukio Tanaka Topological Andreev Bound States in Spin-Triplet Superconductor Sr ₂ RuO ₄
11:40	Takuto Kawakami Vortex Bound State in Symmetry Protected Topological Superconductors and Superfluids
12:05	Jay Deep Sau Non-Local and Dynamical Signatures of Majorana Modes at Semiconductor/superconductor Interfaces
12:35	Xiao Hu Single Electron Pumping via Majorana Bound States
13:00-14:00 14:00-15:55 14:00	Lunch W3 Session Zhi-Xun Shen
14.00	Domain Walls and Edge Structures in Quantum System: Views from Scanning Microwave Impedance Microscope
14:30	Seigo Tarucha Topological Effect in Hybrid Superconductor-Quantum Dot/Nanowire Devices
15:00	Li Lu Proximity-Effect-Induced Superconductivity and Cooper Pair Interference on the Surfaces of Bi ₂ Se ₃ and Bi ₂ Te ₃
15:30	Zhi Wang Rabi Oscillations in a Majorana Device
15:55-16:05 16:05-17:30 16:05	Break W4 Session Junji Tominaga, Topological Switching Random Access Memory (TRAM) using GeTe/Sb ₂ Te ₃ Superlattice
16:35	Shuichi Murakami Weyl semimetals, Fermi arcs, and Topological Phase Transitions
17:00	Takao Mori Recent Developments and Novel Mechanisms for Enhancement of Thermoelectrics
17:30-17:40	Closing