

Schedule of Topology in Physics

Date	5/30	5/31	6/1	6/2	Weekends Off	6/5	6/6	6/7	6/8	6/9	Weekends Off	6/11	6/12	
Time	Tues.	Wed.	Thur.	Fri.		Mon.	Tues.	Wed.	Thur.	Fri.		Sun.	Mon.	
9:15-9:30	Opening	Visit TDL Library					Feng Liu 9:15-10:15							
9:30-10:30	Xiangdong Ji		Jian Wang	Ke He		Ying Ran	Coffee Break	Xi Dai	Yang Qi	Timothy Hsieh			Shuyun Zhou	Shunqing Shen
10:30-10:45	Coffee Break					Coffee Break	Zhenyu Zhang	Coffee Break				Coffee Break		
10:45-11:10	Short Presentation					Short Presentation	10:30-11:30	Short Presentation				Short Presentation		
Lunch Break														
14:00-15:00	Hong Ding	J. M. Kosterlitz	Jiannong Wang				Excursion		Shuang Jia	Dong Qian		Junwei Liu	Congjun Wu	
15:00-15:15	Coffee Break		Coffee Break					Coffee Break					Coffee Break	
15:15-15:40	Short Presentation		Short Presentation					Short Presentation					Short Presentation	

Program Schedule

Date	Time	Activity
2017/5/30 Tuesday	9:15-9:30	Opening
	9:30-10:30	Xiangdong Ji (SJTU) Topic: Application of Topology in Particle Physics
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Hong Ding (IOP) TBD
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation
2017/5/31 Wednesday	9:30-11:00	Visit Tsung-Dao Lee Institute
	Lunch break	
	14:00-16:00	J. M. Kosterlitz (Master Distinguished Lecture, SJTU) Topic: Topological Order and Defects, and Phase Transitions in Two Dimensions Location: Lecture Hall, Tsung-Dao LEE Library
2017/6/1 Thursday	9:30-10:30	Jian Wang (PKU) Topic: Tip Induced Unconventional Superconductivity on Topological Materials and Logarithm Law Quantum Oscillations in Ultra-quantum Semimetals
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Jiannong Wang (HKUST) Topic: The origin of bias independent conductance plateaus and zero bias conductance peaks in Bi ₂ Se ₃ /NbSe ₂ hybrid structures
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation
2017/6/2 Friday	9:30-10:30	Ke He (Tsinghua) Topic: How to realize quantum anomalous Hall effect at higher temperature
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation
Weekends off		

Program Schedule

Date	Time	Activity
2017/6/5 Monday	9:30-10:30	Ying Ran (Boston College) Topic: Anyon condensation and realization of symmetry protected topological phases
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	
2017/6/6 Tuesday	9:15-10:15	Feng Liu (Utah) Topic: Anyon condensation and realization of symmetry protected topological phases
	10:15-10:30	Coffee break
	10:30-11:30	Zhenyu Zhang Topic: Topological Insulator Heterostructures
	Lunch Break	
	14:00-19:00	Excursion
2017/6/7 Wednesday	9:30-10:30	Xi Dai (IOP) TBD
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	
2017/6/8 Thursday	9:30-10:30	Yang Qi (MIT) Topic: A folding trick for classifying mirror symmetry enriched topological orders
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Shuang Jia (PKU) Topic: Weyl Semimetal TaAs family: Chiral Anomaly and Other Transport Properties
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation

Program Schedule

Date	Time	Activity
2017/6/9 Friday	9:30-10:30	Timothy Hsieh (KITP) Topic: Topological Bootstrap: Fractionalization from Kond
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Dong Qian (SJTU) TBD
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation
Weekend off		
2017/6/11 Sunday	9:30-10:30	Shuyun Zhou (Tsinghua) Topic: Type-II Weyl and Dirac semimetals in transition metal dichalcogenides
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Junwei Liu (MIT) Topic: Topological Phases in Transition Metal Chalcogenides
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation
2017/6/12 Monday	9:30-10:30	Shunqing Shen (HKU) Topic: Chiral Anomaly and Anomalous Finite-Size Conductivity in Graphene
	10:30-10:45	Coffee break
	10:45-11:10	Short Presentation
	Lunch Break	
	14:00-15:00	Congjun Wu (UCSD) Topic: Septet topological superconductivity and surface Majorana modes
	15:00-15:15	Coffee break
	15:15-15:40	Short Presentation

Remarks:

Each **lecture** includes 40 minutes talk and 20 minutes discussion

Each **short presentation** includes 15 minutes talk and 10 minutes discussion

Location: Conference Room 421, 4th floor, Tsung-Dao LEE Library