

NTTI2019 and BEC2019

Hiroshima, Japan, 14-19 July 2019

International Workshop on
New Trends in Topological Insulators 2019 &
Variety and Universality of Bulk-edge Correspondence in Topological Phases



Date July 14-19, 2019

Venue JMS Aster Plaza Hiroshima, Hiroshima, Japan

Program Overview

Time	Jul. 14 (Sun)	Jul. 15 (Mon)	Jul. 16 (Tue)	Jul. 17 (Wed)	Jul. 18 (Thu)	Jul. 19 (Fri)
09:00-09:30		Registration Opening (15)	Registration	Registration	Registration	Registration
09:30-11:00		Session 1 Chair: Kawarabayashi Hatsugai (35) Bulk-edge corr. 9:30-10:05	Session 5 Chair: Buhmann Mizoguchi (35) Higher order TI 9:30-10:05	Session 9 Chair: Hatano Isobe (35) Non Hermitian system 9:30-10:05	Session 11 Chair: Iwamoto Nakata (35) Photonic crystal 9:30-10:05	Session 15 Chair: Akiyama Yan (35) Majorana zero mode 9:30-10:05
		Buhmann (35) 2D TI 10:05-10:40	Checkelsky (35) Kagome lattice 10:05-10:40	Fukui (35) Non Hermitian system 10:05-10:40	Ünal (35) Cold atom 10:05-10:40	Araki (20)
11:00-11:30		Rogalev (20)	Osada (20)	Yoshida (20)	Taguchi (20)	Munisa (20)
		Coffee Break 11:00-11:30	Coffee Break 11:00-11:30	Coffee Break 11:00-11:30	Coffee Break 11:00-11:30	Hamasaki (20)
11:30-13:00		Session 2 Chair: Chulkov Aoki (35) Superconductivity 11:30-12:05	Session 6 Chair: Nakata Iwamoto (35) Photonic crystal 11:30-12:05	Session 10 Chair: Tanaka Murakami (35) Non Hermitian system 11:30-12:05	Session 12 Chair: Fukui Weitenberg (35) Cold atom 11:30-12:05	Session 16 Chair: Tereshchenko Eguchi (35) TI + Optical response 11:55-12:30
		Samarth (35) TI heterostructures 12:05-12:40	Kante (35) Photonic crystal 12:05-12:40	Imura (20)	Takei (35) Cold atom 12:05-12:40	Bhalla (20)
		Matsushita (20)	Yoda (20)		Announcement	Closing (25)
13:00-14:30		Lunch 13:00-14:30	Lunch 13:00-14:30	12:45-14:30 Conference photo & Lunch	Lunch 13:00-14:30	
14:30-16:00		Session 3 Chair: Rader Akiyama (35) 3D TI+TCI 14:30-15:05	Session 7 Chair: Ernst Ohtsuki (35) Machine learning 14:30-15:05	Excursion & Conference Banquet 14:40: Gathering at main entrance of JMS Aster Plaza	Session 13 Chair: Hatsugai Matsuo (35) Index theorem 14:30-15:05	
		Eremeev (20)	Vergniory (35) TQC for mat. search		Ernst (35) Magnetic TI 15:05-15:40	
		Rechcinski (20)	Coffee Break 15:40-16:10		Rüßmann (20)	
		Tereshchenko (20)	Session 8 Chair: Shikin Pham (35) Spantronics 16:10-16:45		Shikin (20)	
16:00-18:00	Registration (1F: Citizen Gallery)	Session 4 Chair: Kuroda Novak (35) DWLSM 16:35-17:10	Kondo (35) ARPES+Weak TI 16:45-17:20		Coffee Break 16:40-17:10	
		Fedotov (20)	Rader (20) SmB6		Session 14 Chair: Kimura Springholz (35) Magnetic TI 17:10-17:45	
		Zaitsev-Zotov (20)			Ye (20)	
18:00-20:00	Welcome party (Hiroshima City Bunka Koryu Kaikan)	Poster Session (1F: Citizen Gallery) 18:00-20:00 with beverages & omusubi, snacks	Poster Session (1F: Citizen Gallery) 18:00-20:00 with beverages & omusubi, snacks			
					Free Discussion 19:00-20:00 (beverages & omusubi, snacks)	

Organizing Committee:

Hideo Aoki (AIST/The University of Tokyo, Japan)
 Takahiro Fukui (Ibaraki University, Japan)
 Mikio Furuta (The University of Tokyo, Japan)
 * Yasuhiro Hatsugai (University of Tsukuba, Japan)
 Satoshi Iwamoto (The University of Tokyo, Japan)
 Tohru Kawarabayashi (Toho University, Japan)
 * Akio Kimura (Hiroshima University, Japan)
 Shinji Kuroda (University of Tsukuba, Japan)
 Yoshiro Takahashi (Kyoto University, Japan)
 (alphabetical order, * Chair)

International Program Committee:

Evgueni Chulkov (University Basque Country)
 Boubacar Kanté (University of California, Berkeley)
 Laurens Molenkamp (Würzburg University)
 Oliver Rader (Helmholtz-Center Berlin)
 Christof Weitenberg (University Hamburg)

Local Committee:

Ken-ichiro Imura (Hiroshima University)
 Akio Kimura (Hiroshima University)
 Mario Novak (University of Zagreb)
 Munisa Nurmamat (Hiroshima University)
 Arata Tanaka (Hiroshima University)

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