

2019 SRC Winter Workshop

on Quantum Coherence in Condensed Matter

#1323 E6-2 Korea Advanced Institute of Science and Technology

Feb. 22 – Feb. 23, 2019

<Program>

Feb. 22			
09:00-10:00	Registration		
10:00-10:10	Welcome Remark		
Session I			
10:10-10:40	심흥선	Kondo screening cloud	KAIST
10:40-11:10	배명호	Energy-selective measurement of single electrons	KRISS
11:10-11:40	이길호	Edge-enhanced Supercurrent in WTe ₂ Josephson Junction	POSTECH
11:40-13:00	Lunch		
Session II			
13:00-14:00	전상준	Topological superconductors and Majorana zero modes	중앙대학교
Session III			
14:30-15:00	이순철	Spin relaxations of P donors in Si under E field	KAIST
15:00-15:30	정윤철	Whispering Gallery Mode and Open Fabry-Perot Cavity	부산대학교
15:30-16:00	김은성	2 차원 양자 상전이: 초고체와 초전도체	KAIST
Session IV			
16:30-17:00	최형국	Revisit of magnetic focusing of coherent electrons	전북대학교
17:00-17:30	조성재	Giant Room Temperature Rashba Edelstein Effect in Graphene/2H-TaS2 van der Waals Heterostructures	KAIST
17:30-18:00	김갑진	Magnon contribution on the unidirectional magnetoresistance	KAIST
18:00-	Group photo & Dinner		

Feb. 23			
08:50-09:00	Registration		
Session V			
09:00-10:00	권혁신	Quantum computing with superconducting circuits	삼성 종기원
Session VI			
10:30-11:00	도용주	Anomalous Shapiro steps observed in Josephson junctions made of topological insulator nanoribbons	GIST
11:00-11:30	이형우	Novel bridge structures of epitaxial oxide thin films	KAIST
11:30-12:00	최형순	Spectroscopy with a Gyroscope	KAIST
12:00-12:10	Closing Remark		
12:10-	Lunch		