

2020 SRC 2nd Stage Kick-off Meeting on Quantum Coherence in Condensed Matter



Zoom Video Conference Meeting
Jul. 17, 2020

<Program>

SRC 2 nd Stage Kick-off Meeting			
10:00-10:05	Welcome Remark		
10:05-11:00	Unconventional Spin Transport in Quantum Materials	김세권	KAIST
11:00-11:10	Coffee break		
Session I (chair: 김갑진)			
11:10-11:30	Fractional statistics on integer quantum Hall edges	심흥선	KAIST
11:30-11:50	Chiral rectification for single-electron source	배명호	KRISS
11:50-12:10	Progress and Plan in Quantum Transport Experiment	이길호	POSTECH
12:10-13:30	Lunch		
Session II (chair: 최형국)			
13:30-13:50	Nanomechanics as a thermometry for low dimensional quantum fluids	최형순	KAIST
13:50-14:10	The recent results on the Whispering Gallery Mode and Fabry-Perot devices	정윤철	PNU
14:10-14:30	Spin transport and dynamics in ferrimagnets	김갑진	KAIST
14:30-14:40	Coffee break		
Session III (chair: 이길호)			
14:40-15:00	To see phonons by losing photons	서준호	KRISS
15:00-15:20	양자점을 이용한 실험 결과 및 향후 계획	최형국	CBNU
15:20-15:40	Bimodal distribution of switching current in topological Josephson junctions	도용주	GIST
15:40-15:50	Coffee break		
Session IV (chair: 최형순)			
15:50-16:10	Progress in nanoscale materials theory	김용현	KAIST
16:10-16:30	The effect of external electromagnetic radiation on the anomalous metallic behaviors in Ta thin films	김은성	KAIST
16:30-16:50	Correlative ionic transport at a compositional phase boundary	양찬호	KAIST
16:50-17:50	Internal Meeting		