

2023 SRC Summer Workshop on Quantum Coherence in Condensed Matter



PALE DE CZ in Pusan
September 22-23, 2023

<Tentative Program>

Sep. 22			
13:00-13:10	Welcome Remark		
Invited oral session I			
13:10-13:40	A Few Case Studies of Strong Nonlinear Physics	최형순	KAIST
13:40-14:40	Competition between Kondo resonance and superconductivity and its connection to Yu-Shiba-Rusinov bound states	서정필	DGIST
14:40~15:40	Kondo cloud condensates: New coherent ground state in metal	임현식	동국대
15:40-16:00	Coffee break		
Invited oral session II			
16:00-16:30	단일 전자 토모그래피	배명호	KRISS
16:30-17:00	The current status of entropy measurements on a single and double quantum dot system	정윤철	PNU
17:00-17:30	A two-electron spin qubit coherently coupled to many-electron spin states in isotopically purified silicon	김도현	SNU
17:30-19:00	Coffee break & Poster Session		
19:00-	Dinner		

Sep. 23			
Invited oral session III			
09:00-09:30	Real-time Measurement of Coherent Energy Exchange in Remotely Coupled Hybrid Magnonic Resonators	김갑진	KAIST
09:30-10:00	piezoelectric platforms for phonon-magnon hybrid	서준호	POSTECH
10:00-10:30	Intrinsic Orbital Hall Effect of Magnons	김세권	KAIST
10:30-10:50	Coffee break		
Invited oral session IV			
10:50-11:20	분수 양자 홀 애니온	심흥선	KAIST
11:20-11:50	Bimodal switching current distributions in topological Josephson junctions	도용주	GIST
11:50-12:20	Efforts for topological Josephson coupling	이길호	POSTECH
12:20-12:30	Closing remark		