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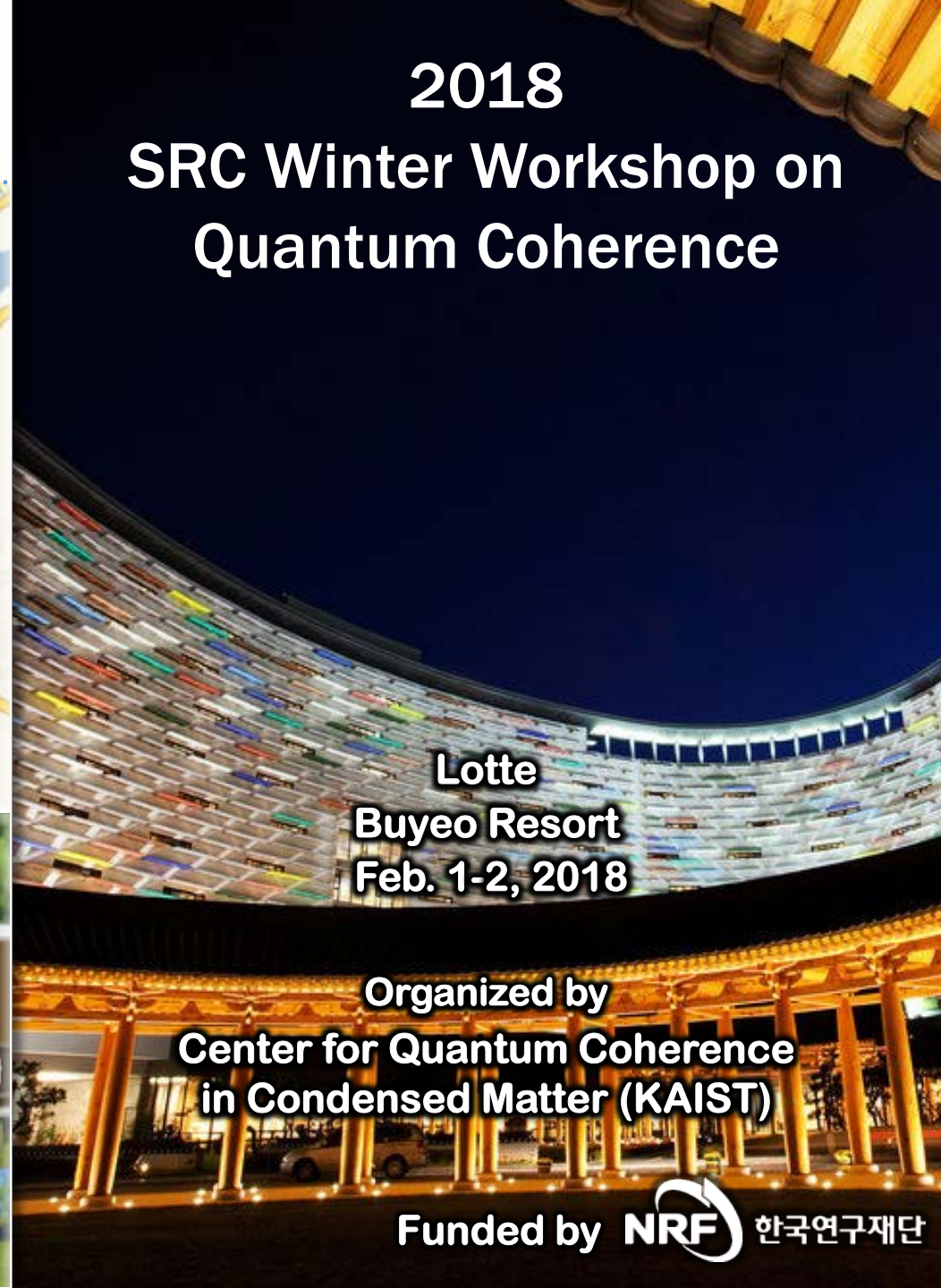


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Map



2018 SRC Winter Workshop on Quantum Coherence



**Lotte
Buyeo Resort
Feb. 1-2, 2018**

**Organized by
Center for Quantum Coherence
in Condensed Matter (KAIST)**

Funded by NRF 한국연구재단

Feb. 1				
12:00 – 12:50		Registration	09:30 – 10:00	Lee, Gil-Ho (POSTECH) “Anomalous Fraunhofer Interference in Nb-WTe2-Nb Josephson Junction”
12:50 – 13:00	Welcome Remark			
Session 1		(Chair : Kim, Kab-Jin)	10:00 – 10:30	Lee, Soon Chil (KAIST) “Microscopic states of magnetite nanocrystals around the Verwey transition”
13:00 – 14:00	Kim, Dohun (Seoul National University) “Quantum magnetometry using electron spin qubits in diamond”		10:30 – 10:40	Tea Break
14:00 – 14:30	Sim, Heung-Sun (KAIST) “Kondo cloud and entanglement”		10:40 – 11:10	Suh, Junho (KRISS) “Nanomechanical quantum sensors”
14:30 – 14:40	Tea Break		11:10 – 11:40	Chung, Yunchul (Pusan National University) “Attractive Coulomb interactions in a triple quantum dot”
14:40 – 15:10	Bae, Myung-Ho (KRISS) “Tunneling spectroscopy in 2D materials”		11:40 – 13:00	Lunch
15:10 – 15:40	Choi, Hyungsoon (KAIST) “Quantized Vortex Formation in Exciton-Polaritons by Non-resonant Transfer of Orbital Angular Momentum”		Session 3 (Chair : Bae, Myung-Ho)	
15:40 – 16:40	Poster Presentation (학생 각 2분 발표)		13:00 – 14:00	Jung, Min-Kyung (DGIST) “Quantum dot formed in 3-dimensional Dirac semimetal nanowires”
16:40 – 17:00	Group photo		14:00 – 14:30	Doh, Yong Joo (GIST) “위상 절연 나노리본을 이용한 양자소자 연구”
17:00 – 18:30	Poster Session		14:30 – 14:40	Tea Break
18:30 – 20:00	Dinner			
20:00 –	센터회의		14:40 – 15:10	Yang, Chan-Ho (KAIST) “Current-driven resistance change in exfoliated manganite thin films”
Feb. 2				
Session 2		(Chair : Cho, Sungjae)		
09:00 – 09:30	Kim, Kab-Jin (KAIST) “Unidirectional magnetoresistance by quantum spin-flip process”		15:10 – 15:40	Cho, Sungjae (KAIST) “Progress report on transport studies of 2D materials”
			15:40 – 15:50	Closing Remark