

Time	2023.10.10		Time	2023.10.11		2023.10.12		2023.10.13	
	Tuesday			Wednesday		Thursday		Friday	
9:00~9:45	Registration & Coffee Break		9:00~9:30	Registration & Coffee Break					
9:45~10:00 (15')	Opening Session		9:30~10:10 (40')	Session 1 Spin qubits in color centers and dopants	Coherence enhancement of solid-state qubits by scanning probe microscopy (Ying Jiang)	Session 3 Quantum control in molecular qubits	Molecular Color Centers (Danna Freedman)	Session 5 Quantum limits of mechanical motion	Hybrid spin-mechanical systems in diamond for quantum information processing (Ania Jayich)
10:00~10:30 (30')	Tutorial Talk	Quantum-coherent Nanoscience (Andreas Heinrich)	10:10~10:30 (20')		Autonomous coherence protection of a two-level system in a fluctuating environment (Isaac Fernando Quijandria Diaz)		Reversible spin-optical interface in luminescent organic radicals (Sebastian Gorgon)		Quantum Acoustics: surface acoustic wave (SAW)-driven single-photon generation (Seok-Kyun Son)
			10:30~11:00		Coffee Break		Coffee Break		Coffee Break
10:30~11:30 (60')		Quantum Spins in Semiconductors (Andrea Morello)	11:00~11:40 (40')		Controlling the large Hilbert space of donors in silicon (Andrea Morello)		Coherent Effects in Porphyrin Molecular Wires and Nanorings (Harry Anderson)		Mechanical oscillators toward quantum sensing (Junho Suh)
		11:40~12:00 (20')	Coherent quantum state manipulation and error corrections on an electron-nuclear spin qudit system (Sumin Lim)	Hyperfine interactions in open-shell planar carbon nanostructures (Sanghita Sengupta)	Non-Linear Nanomechanical Dynamics Induced by Single-electron Tunneling (Kushagra Aggarwal)				
11:30~12:00 (30')		Quantum-coherent science in Korea (Yonuk Chong)	12:00~12:20 (20')	Universal nuclear two-qubit logic operation in an exchange-coupled donor system (Holly Stemp)	Controlling Quantum Spin Dynamics in Nanoscale Molecular Qubits (Stephen Hill)	Toward hybrid quantum systems based on solid-state spin qubits (Dongkwon Lee)			
12:00~13:30 (90')	Lunch & Coffee break		12:20~13:50 (90')	Lunch & Coffee break					
13:30~14:30 (60')	Tutorial Talk	Entanglement of surface spins – a theory perspective (Christoph Wolf)	13:50~14:30 (40')	A low-noise quantum dot in an open microcavity (Mark Hogg)	Session 4 Quantum surface science	Coherent control of spins on surfaces using scanning tunneling microscopy (Yujeong Bae)	Session 6 Spin qubits in quantum dots	Si qubit devices for fault tolerant quantum computation (Seigo Tarucha)	
			14:30~14:50 (20')	Efficient single photon emitting from a quantum dot in a double solid immersion lens structure (Donghan Lee)		Building highly entangled spin states with Carbon (Elia Turco)		Coherence of a singlet-triplet qubit by magnetic field gradient in isotopically purified silicon (Dohun Kim)	
14:30~14:50	Group Photo 1		14:50~15:20	Session 2 Quantum nano-photonics	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
14:50~15:30	Move to QNS		15:20~16:00 (40')	Single molecules in slow motion videography (Rupert Huber)	Session 4 Quantum surface science	Single-molecule electron-spin resonance with atomic force microscopy (Lisanne Sellies)	Session 6 Spin qubits in quantum dots	Designing and probing high-fidelity spin qubits and their environment (Guido Burkard)	
		16:00~16:20 (20')	A photonic which-path entangler based on longitudinal cavity-qubit coupling (Zoé McIntyre)	Lanthanide Atoms on Surfaces: From Single Atom Magnets to Spin Qubit Candidates (Fabio Donati)		Identifying pauli spin blockade using deep learning (Jonas Schuff)			
15:30~17:00 (90')	QNS Building Tour with Coffee Break		16:20~16:40 (20')	Towards single quantum emission in 2D semiconductors captured at the single-defect level by scanning tunnelling luminescence (Bert Weber)	Probing the dynamics of individual spins coupled to a superconductor using stochastic resonance (Nicolaj Betz)	Charge-sensing of a Ge/Si core/shell nanowire double quantum dot using a high-impedance superconducting resonator (Pierre Chevalier Kwon)			
17:00~18:30 (90')	Poster Session 1 with light meal		16:40~17:20	Move to QNS		Excursion (200')	Closing Session/ Group Photo 2		
			17:20~18:50 (90')	Poster Session 2 with light meal					
18:30~19:30 (60')	Women in Science: Panel Discussion		18:50~20:00						