

WS-2

	Name	Title
12-Nov		
9:30-10:30	Kusakabe, K.	Possible nano-graphene device structures: A design and a simulation
11:00-12:00	Saito, S.	The electronic structure and the structural phase transformation of nanostructured materials
14:00-15:00	Yang, S.-R. Eric	Control of single and many electron states of semiconductor quantum dots by non-Abelian vector potentials generated by spin-orbit coupling
13-Nov		
9:30-10:30	Sawada, A.	Pseudospin soliton in bilayer $\nu = 1$ quantum Hall state
11:00-12:00	Shibata, N.	Bilayer quantum Hall systems
14-Nov		
9:30-10:30	Kanoda, K.	Mott physics and frustration in 2D; spin liquid, Mott transition and superconductivity
11:00-12:00	Jarrell, M	Pairing mechanism of the hubbard model
14:00-15:00	Kawakami, N.	Finite-Temperature Mott Transitions in 2D Frustrated Hubbard Models
15-Nov		
9:30-10:30	Vandersypen, L.	Real and futuristic spin qubits
11:00-12:00	Tarucha, S.	Large dynamical nuclear spin polarization in GaAs double quantum dots
14:00-15:00	Tatara, G.	Current pumping by spin-orbit interaction: inverse spin Hall effect
15:30-17:30	mini poster	
16-Nov		
	Mini-Symposium	(at Shiran Kaikan)
9:30-10:15	Geim, A	The Physics of Graphene
10:15-11:00	MacDonald, A.H.	Graphene 2D systems including the quantum Hall effect
11:30-12:15	Yoshioka, D.	Electronic states of two-dimensional systems around an impurity in a strong magnetic field
13:30-14:15	Murakami, S.	Spin Hall effect and quantum spin Hall effect
14:15-15:00	Louie, S. G.	First-principles study of many-electron effects in the electronic and optical properties of nanostructures (nanotubes, nanowires and graphene nano)
15:30-16:15	Hirayama, Y.	Nuclear spin spectroscopy for semiconductor hetero- and nanostructures
16:15-17:00	Saito, R.	Excitonic properties of single wall carbon nanotubes"

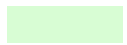
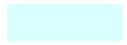
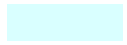
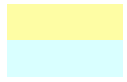
mini banquet

19-Nov (at Shiran Kaikan)

10:00-11:00	Katsumoto, S.	Spin effects on coherent transport
11:15-12:15	Suzuura, H.	Quantum transport in carbon nanotubes and graphenes
14:00-15:00	Zhang, F.C.	TBA
15:30-16:30	Eto, M.	Kondo effect in quantum dot complex systems

20-Nov (at Shiran Kaikan)

10:00-11:00	Balents, L	Quasi-one dimensional antiferromagnets
11:15-12:15	Oshiyama, A.	TBA
14:00-15:00	Furusaki, A.	Anderson localization in the 2D symplectic class revisited
15:30-16:30	Maekawa, S.	Spin Current and Spin Motive Force in Magnetic Nanostructures



ribbons)

