



独立行政法人 日本学術振興会
Japan Society for the Promotion of Science

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清华大学
Tsinghua University



THE UNIVERSITY OF TOKYO



서울대학교
SEOUL NATIONAL UNIVERSITY

A3 Annual Meeting & Summer School

July 26-28, 2007, Tsinghua University, Beijing, China

July 25, 2007

Arriving and welcome party (18:30, Jincunyuan)

July 26, 2007 (Thurs.)

	Time	Speaker	Title
Chair: Q. K. Xue			
0	9:00-9:30	NSF leader	Opening ceremony
1	9:30-9:50	T. Hashizume	Scanning probe microscopy of organic devices
2	9:50-10:10	Ke He	Rashba Effect at Surfaces of Quantum-Well Metal Films
3	10:10-10:30	Hirokazu Tada	Magneto-resistance of Metal/Organic/Metal Structures: Towards Molecular Spintronics
4	10:30-10:50	Fumio Komori	An atomic seesaw switch for one-dimensional electrons on Ge (001)
Coffee break & Photo (10:50-11:10)			
Chair: T. Hashizume			
5	11:10-11:30	Jin Zhang	Growth of Individual Single-walled Carbon Nanotube with Controlled Diameter
6	11:30-11:50	Seunghun Hong	Hybrid Nanodevices based on Nanowires
7	11:50-12:10	J. Yoshinobu	Electron transport through organic molecules chemically bonded to Si surfaces
8	12:10-12:30	Q. K. Xue	Superconducting properties of diameter-controlled lead nanowires

Lunch (12:30-14:00)					
Chair: Seunghun Hong					
9	14:00-14:20	X. Chen	QSE on Kondo effect		
10	14:20-14:40	K. Kakitani	Temperature dependence of surface electronic states on Ge(111) $\sqrt{3}\times\sqrt{3}$ -3×3-Sn phase transition		
11	14:40-15:00	XiaoDong Han	Experimental Nano-Mechanics of one-dimensional nanomaterials by in situ TEM - Direct Atomic Scale Mechanisms		
12	15:00-15:20	Jisoon Ihm	Hydrogen storage in one-dimensional nanostructures: the transition-metal- decorated linear polymers		
13	15:20-15:40	Canhua Liu	One-dimensional plasmon in atomic-scale metal wires periodically arrayed on Si surface		
14	15:40-16:00	Yoshikazu Homma	A New Interpretation of the Role of Catalyst in Single-Walled Carbon Nanotube Growth		
Coffee break (16:00-16:20)					
Chair: Y. Kuk					
16:20-18:30		Discussions and Posters			
July 27, 2007 (Fri.)					
Summer school					
Chair: X. Chen					
1	9:00-10:00	Prof. Y. Kuk	1D		
Coffee break (10:00-10:20)					
2	10:20-12:20	Prof. K. L. Jiang			
Lunch (12:20-14:00)					
Chair: Shuji Hasegawa					
3	14:00-16:00	Prof. M. Jalochowski			
Coffee break (16:00-16:20)					
	16:20-18:20	Prof. M. Jalochowski			
July 28, 2007 (Sat.)					

Chair: Jisoon Ihm			
4	9:00-12:30	Prof. R. Saito	Excitonic properties of single wall carbon nanotubes
Lunch (12:30-14:00)			
Chair: K. L. Jiang			
5	14:00-16:00	Prof. T. Osada	Organic quasi-1D materials
Coffee break(16:00-16:20)			
	16:20-18:00	Prof. T. Osada	Organic quasi-1D materials
18:00-22:00 Banquet			
Take bus to Lao She Tea House			
July 29, 2007 (Sun.)			
7:00 Sight-seeing			