

ACSIN-9 Timetable (Tentative)

12 Nov. (Monday)			
9:00	Opening Ceremony		
10:00	PL1 Advances in growth and optical properties of self-assembled quantum dots for nanophotonics and quantum information technologies Arakawa, Tokyo, Japan		
	<b>Room A</b>	<b>Room B</b>	<b>Room C</b>
	12Aa Electronic Transport in Carbon-related Materials	12Ba Carbon Nanotubes & Related Materials	12Ca Nano-Photonics
11:00	12Aa-1,2 Introduction to Graphene (Invited) Andre Geim, Manchester, UK	12Ba-1,2 In-situ growth, measurement and manipulation of multiwalled carbon nanotubes (Invited) Chia-Seng Chang, Taipei, Taiwan	12Ca-1,2 Si-based quantum-dot light emitting diodes (Invited) Susumu Fukatsu, Tokyo, Japan
	12Aa-3 Surface modification by vacuum annealing for P-doped diamond field emitter Takatoshi Yamada, Tsukuba, Japan	12Ba-3 Environmental Transmission Electron Microscopy Study of Growth Dynamics of Carbon Nanotubes Hideto Yoshida, Osaka, Japan	12Ca-3,4 Advances on Silicon-Based Nanostructures, Materials and Devices Eronides Da Silva JR, RECIFE - PE, BRAZIL
	12Aa-4 First-principles Study of Effects of Metallic Electrode Contacts on Transport Properties of Carbon Nanotubes Nobuhiko Kobayashi, Tsukuba, JAPAN	12Ba-4 Effect of alcohol sources on synthesis of single-walled carbon nanotubes Satoshi Oida, Nagoya, Japan	12Ca-5 Selective-area-growth of InAs-QDs with different absorption wavelengths via developed metal mask/MBE method for integrated optical devices Yoshiaki Takata, Tsukuba, JAPAN
	12Aa-5 Transport of Single Molecules and Molecular Wires - ab initio study - Kenji Hirose, Tsukuba, Ibaraki, Japan	12Ba-5 Synthesis and electrochemical properties of Ni doped titanate nanotubes for lithium ion storage Dong Hyun Kim, Seoul, Korea	12Ca-6 Sound-wave-like plasmonic excitations in atomic-scale metal chains Shin Yaginuma, Tsukuba, Japan
12:00	12Aa-6 Theoretical study on electrical transport of benzene-1,4-dithiolate molecular bridge between Au electrodes in water solution Arihiro Tawara, Tokyo, Japan	12Ba-6 Diameter dependence of hydrogen adsorption on single-walled carbon nanotubes Akio Tokura, Atsugi-shi, Kanagawa, Japan	
	Lunch		
13:00	12Ap1 Electronic Transport in Novel Devices & Materials	12Bp1 Carbon Nanotubes & Related Materials	12Cp1 Scanning Probe Microscopy
13:30	12Ap1-1,2 Electronic and structural properties of Sn/Ge(111) below 30 K: observation of a Mott insulating ground state (Invited) Enrique Michel, Madrid, Spain	12Bp1-1,2 Recent Development in Thermal Transport Study of Carbon Nanotubes (Invited) Takahiro Yamamoto, Tokyo, Japan	12Cp1-1,2 High-speed Atomic Force Microscopy for Visualizing Biomolecular Processes (Invited) Toshio Ando, Kanazawa, Japan
14:00	12Ap1-3 Metallic Transport on In/Si(111) Atomic Layer Shiro Yamazaki, Chiba, JAPAN	12Bp1-3 Electron-electron correlation in graphite: a combined angle-resolved photoemission and theoretical study Alexander Gruneis, Dresden, Germany	12Cp1-3,4 Utilization of Carbon Nanotubes as Tips of Scanning Probe Microscopy (Invited) Masamichi Yoshimura, Nagoya, Japan
	12Ap1-4 Electron Transmission through Complementary Semiconductor Interfaces Katsuyoshi Kobayashi, Tokyo, Japan	12Bp1-4 Study for adsorption of metal adatoms on graphene sheet using the DFT calculation Hiroki Asano, Tottori, Japan	12Cp1-5 Element Specific Imaging by Scanning Tunneling Microscopy combined with Synchrotron Radiation Light Toyooki Eguchi, Kashiwa, Japan
	12Ap1-5 Ab initio non-equilibrium Green's function study on metal/mixed conductor interface of atomic switch Tomofumi Tada, Tokyo, Japan	12Bp1-5 Growth of Graphene Forest on Ni-Nanoparticles Hiroski Tokumoto, Sapporo, Japan	12Cp1-6 Cutting and Electrical Characterization of Single C60 Nanotubes by Using Conductive Atomic Force Microscopy M.S. Xu, Tsukuba, Japan
	12Ap1-6 Electronic transport characteristics of ZnO nanorods studied by nanoprobes Ji-Yong Park, Suwon, Korea	12Bp1-6 Control of carbon nanostructure on SiC system by thermal decomposition method Yasuhiro Ogawa, Hamamatu, Japan	12Cp1-7 Near-Field Modulation of Laser Diode Emissions by an Aperture Probe of Near-Field Optical Microscope Akihiro Tomioka, Osaka, Japan
15:00	12Ap1-7 Transconductance enhancement of nanowire FETs by built-up stress near the Si/SiO2 interface during thermal oxidation Aya Seike, Shinjyuku, Tokyo, Japan	12Bp1-7 Evaluation of Mechanical Strength of Silicon Based Nanowires Masahiro Tosa, Tsukuba, Japan	12Cp1-8 Atomically-resolved imaging by low-temperature atomic force microscopy using a quartz length-extension resonator Toshu An, Chiba, Japan
	12Ap1-8 Impact of base doping concentration on characteristics of n-GaN/p-SiC-n-SiC Heterojunction Bipolar Transistors Hiroki Miyake, Kyoto, Japan	12Bp1-8 Stability of Tunneling Current across Si Nanochain Network Hideo Kohno, Toyonaka, Osaka, Japan	
	12Ap2 Atomic and Molecular Manipulation	12Bp2 Carbon Nanotubes & Related Materials	12Cp2 Scanning Probe Microscopy
16:00	12Ap2-1,2 Atom-by-Atom Chemical Identification and Following Atom Manipulation Toward Compound Nanostructuring (Invited) Seizo Morita, Suita, Japan	12Bp2-1,2 Optical imaging of freely suspended single walled carbon nanotubes: fabrication, characterization, fundamentals and devices (Invited) Paul Fimnie, Ottawa, ON, Canada	12Cp2-1,2 STM and STS Study of Si Magic Clusters on Si(111) Surfaces (Invited) Ing-Shouh Hwang, Taipei, Taiwan, R.O.C.
	12Ap2-3,4 Atomic switch, which makes new type of electronic devices and computers (Invited) Tsuyoshi Hasegawa, Ibaraki, Japan	12Bp2-3 Absorption and Desorption of Ethanol Molecules on Single-walled Carbon Nanotube Surfaces Shohei Chiashi, Tokyo, Japan	12Cp2-3 Cavity Effect and Energy Forbidden Spectra in STM-Induced Molecular Fluorescence Hongwen Liu, Osaka, Japan
		12Bp2-4 Chirality-Resolved Growth Kinetics of Single-Walled Carbon Nanotubes from Size-Defined Nanoparticle Catalysts Takashi Uchida, Atsugi-shi, Kanagawa, Japan	12Cp2-4 Dopant-related photon emission induced by scanning tunneling microscope from the surface of GaAs(110) Xinli Guo, Tsukuba, Japan
17:00	12Ap2-5 Molecular positioning in a controlled manner by vibrational excitation Michiaki Ohara, Chiba, Japan	12Bp2-5 Selective alignment of semiconducting single-walled carbon-nanotubes grown on quartz single crystal surfaces Iwao Shimoyama, Ibaraki, Japan	12Cp2-5 Co-induced nano-structures on Si (111) surface Yitao Cui, Higashi-Hiroshima, Japan
	12Ap2-6 An atomic switch by tunneling carrier injection on Ge (001) Fumio Komori, Chiba, Japan	12Bp2-6 Contact and phonon scattering effects on quantum transport properties of carbon-nanotube field-effect transistors Hiroyuki Ishii, Ibaraki, Japan	12Cp2-6 Study of tip-initiated structural fluctuations on nano-domains of the monolayer Pb/Si(111) surface with STM Chung Kai Fang, Taipei, Taiwan
	12Ap2-7 Towards the synthesis of fullerenes: triazafullerene adsorption on noble metal close packed surfaces Giulio Biddau, Madrid, Spain	12Bp2-7 Surface Potential Mapping of Single-Wall Carbon Nanotubes bridging Nanogap electrodes by Kelvin Probe Force Microscopy and AFM Potentiometry Yuji Miyato, Kyoto, Japan	12Cp2-7 Mechanical properties of stepped gold surfaces Arantza Mascarque, Madrid, Spain
	12Ap2-8 Subthreshold Desorption of Hydrogen: Energy Flow on Massively Excited Si(111) Surfaces? Phillip Cohen, Minneapolis, MN, USA	12Bp2-8 Structure and Cytotoxicity of Electrospun Carbon Nanofibers Santi Maensiri, Khon Kaen, Thailand	
18:00	12Ap2-9 Molecular dynamics simulation of size effects in non-wear friction/sliding Davy Cheong, Singapore, Singapore		
19:00	Poster Session 1		