

The 3rd Hsinchu - - Tsukuba Joint Workshop on Nano and Bio-related Materials and Technologies

Conference Room 019 (Physics Building of NTHU) (2010 / 04 / 02)

Time			Presenters	Institution	Title
08:20	—	08:40	Check In		
			Host: Associate Director 李紫原(Chi-Young Lee) 、 Prof. Yukio Nagasaki(長崎 幸夫)		
08:40	—	09:10	Opening speech (President 陳力俊(Lih J. Chen) 、 Director Youiti Ootuka(大塚 洋一))		
09:10	—	09:35	齊正中 Cheng-Chung Chi	PHYS, NTHU	Evolution of surface to bulk tunneling spectrum by scanning tunneling microscopy
09:35	—	10:10	守友 浩 Yutaka Moritomo	University of Tsukuba	Novel functionality of Nanoporus Junction
10:10	—	10:30	黃迪靖 Di-Jing Huang	National Synchrotron Radiation Research Center	Multiferroic Nanoregions and a Memory Effect in Cupric Oxide
10:30	—	10:50	Coffee Break & Poster Presentation		
			Chairman: Prof. 齊正中(Cheng-Chung Chi) 、 Prof. Yuji Miyahara (宮原 裕二)		
10:50	—	11:15	門脇 和男 Kazuo Kadowaki	University of Tsukuba	Terahertz Radiation from High Temperature Superconductor Intrinsic Josephson Junctions and Its Applications
11:15	—	11:40	黃暄益 Michael H. Huang	CHEM, NTHU	Morphologically Controlled Synthesis of Cu2O Nanocrystals and Their Properties
11:40	—	12:05	神原 貴樹 Takaki Kanbara	University of Tsukuba	Preparation of Polythioamides and Their Metal Adsorption Properties
12:05	—	12:30	張克君 Yen-Chung Chang	LS, NTHU	Development of a lab-on-a-chip platform for studying the functional proteome of neuronal axons
12:30	—	13:30	Lunch & Poster Presentation		
			Chairman: Prof. 張克君(Yen-Chung Chang) 、 Prof. Jun Nakanishi (中西 淳)		
13:30	—	13:55	李紫原 Chi-Young Lee	CNMM, NTHU	Spherical and Urchin-like TiO2 in Various Applications
13:55	—	14:20	寺西 利治 Toshiharu Teranishi	University of Tsukuba	Application of Macrocyclic π -conjugated Ligand-protected Au Nanoparticles to Single Electron Devices
14:20	—	14:45	祁忠勇 Chong-Yung Chi	EE,NTHU	Non-negative Blind Source Separation for Biomedical Image Analysis
14:45	—	15:10	曾我 公平 Kohei Soga	Tokyo Univ. of Science	NIR Biomedical Imaging - from materials to systems -
15:10	—	15:30	Coffee Break & Poster Presentation		

	Chairman: Prof. 李紫原(Chi-Young Lee)、Prof. Takaki Kanbara(神原 貴樹)		
15:30 — 15:55	宮原 裕二 Yuji Miyahara	National Institute for Materials Science(NIMS)	Detection of biomolecular recognition using bio-transistors
15:55 — 16:20	廖建能 Chien-Neng Liao	MSE, NTHU	Thermoelectric transport properties of nanocrystalline bismuth telluride based compounds
16:20 — 16:45	中西 淳 Jun Nakanishi	National Institute for Materials Science(NIMS)	Photoresponsive materials for analyzing cellular functions
16:45 — 17:10	葉秩光 Chih-Kuang Yeh	BMES, NTHU	Detection of blood-brain barrier disruption by contrast-enhanced high frequency ultrasound image
17:10 — 18:00	高峰會議(Conference Room 208) & Poster Presentation		
18:00 —	Dinner		

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Time	Presenters	Institution	Title
	Chairman: Prof. 果尚志(Shangjr Gwo)、Prof. Tatsuya Nabeshima (鍋島 達弥)		
09:00 — 09:25	洪銘輝 Minghwei Hong	CNMM, NTHU	Nano-electronics of high κ dielectrics on exotic semiconductors for science and technology beyond Si CMOS
09:25 — 09:50	蓮沼 隆 Ryu Hasunuma	University of Tsukuba	Degradation in HfSiON film induced by electrical stress application
09:50 — 10:15	曾繁根 Fan-Gang Tseng	ESS, NTHU	Toward Ultra High Sensitive Detection of Single Protein Nano Array
10:15 — 10:40	服部 利明 Toshiaki Hattori	University of Tsukuba	Terahertz imaging and spectroscopy
10:40 — 11:00	Coffee Break & Poster Presentation		
	Chairman: Prof. 楊長謀(Chang-Mou Yang)、Prof. Yutaka Ikeda(池田 豊)		
11:00 — 11:25	鍋島 達弥 Tatsuya Nabeshima	University of Tsukuba	Metallo-supramolecules for Selective Guest Recognition
11:25 — 11:50	何榮銘 Rong-Ming Ho	CHE, NTHU	Nanostructures from Self-assembly of Degradable Chiral Block Copolymers
11:50 — 12:15	陳 国平 Guoping Chen	National Institute for Materials Science(NIMS)	Biomimetic Materials and Porous Scaffolds for Tissue Engineering
12:15 — 12:40	張晃猷 Hwan-You Chang	LS, NTHU	Design and Manufacture of a Hydrogel-Based Microscale Bioreactor for Continuous Bacterial Growth and Product Separation
12:40 — 13:40	Lunch & Poster Presentation		

	Chairman: Prof. 何榮銘(Rong-Ming Ho)、Prof. Ryu Hasunuma (蓮沼 隆)		
13:40 — 14:05	池田 豊 Yutaka Ikeda	University of Tsukuba	Synthesis and application of oligonucleotide conjugates for the oligonucleotide delivery
14:05 — 14:30	果尚志 Shangjr Gwo	PHYS, NTHU	Bottom-up Nanofabrication for Electronic, Optoelectronic and Plasmonic Applications
14:30 — 14:55	齊藤 政通 Masamichi Saitoh	University of Tsukuba	Development of micro-SQUID and Observation of Quantum Tunneling of Magnetization of Single-Molecule Magnets
14:55 — 15:20	Coffee Break & Poster Presentation		
	Chairman: Prof. 曾繁根(Fan-Gang Tseng)、Prof. 陳 国平(Guoping Chen)		
15:20 — 15:45	楊長謀 Chang-Mou Yang	MSE, NTHU	Metastable Molecular Condensation of Conjugated Polymers in Ultrathin Films by Spin Coating and the Optoelectronic Enhancements Induced by Energy Release Methods
15:45 — 16:10	江口 美陽 Miharu Eguchi	University of Tsukuba	Structure control of gold nanoparticles and their plasmon energy calculation in evanescent field
16:10 — 16:35	徐文光 Wen-Kuang Hsu	MSE, NTHU	Impact energy dispersion and adsorption by thin film composites of aligned carbon nanotubes-polymer
16:35 — 17:00	有賀 克彦 Katsuhiko Ariga	National Institute for Materials Science(NIMS)	Supramolecular Materials and Hand-Operating Nanotechnology
17:00 — 17:30	Oral Presentation for poster presenters (Six presenters would be chosen for Oral presentation. Please prepare 5-minute oral presentation each person.)		
17:30 —	Dinner & 高峰會議 (Director Minghwei Hong and Director Youiti Ootuka)		