

PROGRAM

Date : Monday, March 1, 2010

Place: Meeting Room 1, 7th Fl., Research Center for Advanced Science & Technology Bldg.

General Chair: Professor Koji ABE

08:50-09:00 Opening Address

Professor Toshihiro HIRAI (*GCOE Program Leader*)

PRESENTATION

<i>Time</i>	<i>Chair : Prof. Kenji HANABUSA</i>	<i>Presenter</i>
9:00-9:14	Development of new gelators based on cyclo(deptide)	Hiroko HOSHIZAWA
9:14-9:28	Synchronization Based Control for Motion Assist Suit	Zhang XIA
9:28-9:42	The study of DNA marker which is effective for breeding in head vegetable	Daisuke ARUGA
9:42-9:56	Elucidation of whitening mechanism of polymers coated on Japanese-paints on wall	Yusuke OKADA
9:56-10:10	Study on Relationship between Cellulose Activities and Pre-treatment Conditions for Cellulosic Biomass	Hiroto NISHIJIMA
10:10-10:24	Micelle Morphology and Mechanical Response of Triblock copolymer films	Yeon Ju JANG
10:24-10:33	Break	

Chair : Prof. Makoto SHIMOSAKA

10:33-10:47	Study on physiological characters of two different families of chitinases in the bacterium <i>Burkholderia gladioli</i>	Lan-Xing HUANG
10:47-11:01	Effect of hydrazine on rheological property of PVA aqueous solutions	Liu FAN

11:01-11:15	Study on the kinetic function and propulsive performance of the dolphins	Sun QILONG
11:15-11:29	Study on Solid Particle Erosion Behaviors of Fiber Assembly and Fiber Reinforced Plastic Composites	Dan Na QIAN
11:29-11:43	Development and characterization of CNT's reinforced nature rubber	Hongxia JIANG
11:43-11:57	Multiwalled carbon nanotubes incorporated <i>bombyx mori</i> silk nanofibers electrospinning	Kai WEI
11:57-13:00	Lunch Break	

Chair : Prof. Koji ABE

13:00-13:14	Flow and Deformation in Stenosis Models of Arterial Disease	Jie JI
13:14-13:28	Co-electrospinning of poly (lactic-co-glycolic acid) and collagen-like protein	Yuan LI
13:28-13:42	Study on cellulose synthesis in <i>Asiatic bogorensis</i>	Akio KUMAGAI
13:42-13:56	Basic Study in the Inkjet Ink for Textiles	Juyong PARK
13:56-14:10	Deformation Mechanism of Dielectric Polymer of Plasticized PVC by Electric Field	Hong XIA
14:10-14:24	Carboxymethyl chitosan / hydroxyapatite composite scaffold for bone regeneration	Xuxu BAO
14:24-14:33	Break	

Chair : Prof. Junichi SEKIGUCHI

14:33-14:47	A Study of Human Skills of Manual Handling Task and its Realization by Robots Research on Realization of the Plate Handling Task	Chimeddorj PUREV-ULZII
14:47-15:01	Synthetic study on a novel carbon elongation of dichlorocyclopropanes and benzannulation	Eri YOSHIDA

15:01-15:15	Building of an energy production system using photosynthetic proteins	Takamitsu Ueki
15:15-15:29	Cell wall Lytic Enzyme and PGA Degradation Enzyme in Bacillus	I Putu SUDIARTA
15:29-15:43	Determination of vibration source locations in laminated plates using Lamb wave analysis	Chao DU
15:43-15:52	Break	

Chair : Byoung-Suhk Kim

15:52-16:06	Development of superconductor coil bobbin with high performance fiber composite	Yang HUA
16:06-16:20	Study of Propulsion Mechanism Using Dynamic Variable Stiffness Fin	Masataka NAKABAYASHI
16:20-16:34	Structural and functional analyses of aquatic insect silk toward their application for purification and / or restoration of river environment	Eiso INOUE
16:34-16:48	Interfacial Reaction of Bimolecules on Nano-sized carbons	Jin Hee KIM

Chair : Prof. Toshihiro HIRAI

16:48-17:11	Amphiphilic Hybrid POSS Polymers: Unique Physical Properties and Its Applications	Byoungkuhk KIM
17:11-17:34	Preparation and Physical Properties of Regenerate Cellulose Fibers from Sugarcane Bagasse	Ahmed Jalal UDDIN

17:34-17:50 Closing Remarks
Professor Koji ABE

18:30- Mulberry Hall Dinner