

# PROGRAM

Date: *Thursday, 1 March, 2012*

Venue: *Meeting Room 1, Research Center for Advanced Science & Technology bldg.,*

General Chair: *Professor Koji Abe (Global COE Program sub-leader)*

08:45-09:00 Opening Address

*Professor Toshihiro Hirai (Global COE Program leader)*

## PRESENTATION

<i>Time</i>		<i>Presenter</i>
9:00-9:15	<i>Research on the properties and facture of shin FRP materials made of super fiber</i>	Anchang XU
9:15-9:30	<i>Nanofibers for medical textile application via Electro spinning</i>	ZEESHAN
9:30-9:45	<i>Preparation and degradation characteristics of bio-degradable scaffold incorporated with enzyme</i>	Jalam GU
9:45-10:00	<i>Research on decomposition mechanism of recycling FRP by superheated steam and recycling method of low cost and high utility value</i>	Jian SHI
10:00-10:15	<i>Application for efficient separator prepared by electrospun nanofibers</i>	Naotaka KIMURA
10:15-10:30	<i>Break</i>	

10:30-10:45	<i>Preparation and characterization of grapheme-polymer composites Nanowebs</i>	Mayakrishnan GOPIRAMAN
10:45-11:00	<i>Development of Nanofiber Production System and Application via Handspinning</i>	Kei WATANABE
11:00-11:15	<i>PEFC Cathode Catalyst with High Durability and Low Platinum Loading</i>	Qingfeng LIU
11:15-11:30	<i>Clarification of Papaya sex determining mechanism through genomic analysis</i>	Hiroki UENO

11:30-11:45	<i>Research and Performance Study of Fabric for Wearable Humidity Sensor and Temperature Sensor</i>	Chunhong ZHU
11:45-13:00	<i>Lunch Break</i>	

<i>Time</i>		<i>Presenter</i>
13:00-13:15	<i>Research on the structure and property of the in-situ growth nano ZnO fabrics</i>	Guangyu ZHANG
13:15-13:30	<i>Study on the Effect of Interlinings on Mechanical Properties of Garment Materials</i>	Kyoung Ok KIM
13:30-13:45	<i>Study of chemiluminescence mechanism and its application to sensing</i>	Takayuki MARUYAMA
13:45-14:00	<i>Development and Application of High-Performance Electromagnetic Shielding Composite Structures</i>	Jinxing SHI
14:00-14:15	<i>Development of Innovative Polymer/Inorganic Nano-composites and its Applications</i>	Yaofeng ZHU

<i>Time</i>		<i>Presenter</i>
14:15-14:30	<i>Synthesis of Electrodeposited Ordered Mesoporous RuO<sub>2</sub> and Its Capacitor Property, Application to Micro-Super Capacitor</i>	Sho MAKINO
14:30-14:45	<i>Preparation of Electrospun Nonwoven Fabrics from Polymeric Materials of Natural Occurrence and Their Applications</i>	Devarayan KESAVAN
14:45-15:00	<i>The Relationship between Physical Properties of Spider's Drag-lines and Gene Sequences</i>	Zhang LEI
15:00-15:15	<i>Break</i>	

15:15-15:30	<i>Functional analysis of tetraspanin CD9 in sperm-egg fusion</i>	Naoko OHNAMI
15:30-15:45	<i>Transgenic silkworms (<i>Bombyx mori</i>) produce recombinant spider dragline silk in cocoons</i>	Han LENG
15:45-16:00	<i>Studies on proteins promote cellulose degradation by celluloses</i>	Hiroto NISHIJIMA
16:00-16:15	<i>Studies on Fabrication and Properties of Silk Nano-fiber</i>	Xianhua ZHANG

16:15-16:30	<i>Robotization of the Plate Handling Task</i>	Chimeddorj PUREV- ULZII
16:30-16:45	The study of DNA marker which is effective for breeding of head vegetables	<i>Daisuke</i> <i>ARUGA</i>

<i>Time</i>		<i>Presenter</i>
16:45-17:05	<i>Green Tea Extract to Disperse SWCNT for Reinforcing Polymer Nanocomposites</i>	Ad Jalal UDDIN
17:05-17:25	<i>Hybrid Nanofibers: Preparation and Its Multi-functionalization</i>	B.S. KIM
17:25-17:45	<i>[Report] Short term visit to Columbia University, NY, United States</i>	Xiaowen LEI
17:45-18:05	<i>[Report] Short term visit to University of Missouri, MO, United States</i>	Chunxia GAO

18:05-18:15    Closing Remarks  
*Professor Makoto Shimosaka*