

IWGC-4 Final Program

2006,9,14-2006,9,15

Nihon University, Surugadai Campus, Building No.1,3rd Floor, Room No.131

Address : 8-14, Kanda-Surugadai 1-chome, Chiyoda-ku, Tokyo 101-8308, Japan

9/14/2006 Thu. (1st Day)

9:10 - 9:20 OPENING ADDRESS

Chairperson: Anil N. Netravali

9:20 - 9:40	Takashi Nishino, Noriko Arimoto, Nattakan Soykeabkaew and Ton	Self Reinforced Cellulose Composites
9:40 - 10:00	Tran Hai Ninh and Tran Vinh Dieu	Characterization of Bamboo Fiber Surfaces by Dynamic Contact Angle Method
10:00 - 10:20	Ryoko Tokoro, Kazuya Okubo, Toru Fujii and Dieu Tran Vinh	Appropriate Bamboo Fiber Shape to Improve Mechanical Properties of Poly(lactic acid) under Dry and High Humidity
10:20 - 10:40	Tran Vinh Dieu, Nguyen Huy Tung, Nguyen Pham Duy Linh and Marc Zick	Comparing the mechanical properties of monofilament bamboo-, bleached monofilament bamboo, cotton-, and hybrid- reinforced Epoxy (EP) resin

10:40 - 11:00 COFFEE BREAK

Chairperson: Takashi Nishino

11:00 - 11:20	Anil N. Netravali and Xiaosong Huang	Advanced 'Green' Composites
11:20 - 11:40	Kazuya Tamura, Masatoshi Kubouchi, Tetsuya Sakai and Ken Tsuda	Study on Lignin Particle Filled Epoxy Composite
11:40 - 12:00	Nguyen Pham Duy Linh, Tran Vinh Dieu, Nguyen Hoai Thu	Investigation on Impact Properties of Rice Husk Powders/Polypropylene Composite

12:00 - 13:20 LUNCH

Chairperson: Tatsuro Kosaka

13:20 - 13:40	Yoshinobu Shimamura, Atsushi Yamamoku, Keiichi Tohgo and Hiroyasu Araki	Mechanical Properties of Carbon Nanofiller / Poly(lactic acid) Composite
13:40 - 14:00	Mitsugu Todo, Ayako Harada and Kazuo Arakawa	Characterization of Fracture Behavior of PLLA/PBSC blend
14:00 - 14:20	Yohei Jin, Kazuya Okubo and Toru Fujii	Improvement of Mechanical Properties of Paper Sheet Fabricated with Beaten Bamboo Fiber with PVA Enhancer

14:20 - 14:40 COFFEE BREAK

Chairperson: Masatoshi Kubouchi

14:40 - 15:00	Kohei Ikeda, Junpei Yasuda, Kei Sakamoto, Masahiro Takatani, Tadashi Okamoto	Development of Bio-based Wood/Plastic Composites. Extrusion and Compression Molding of Biopolymer/Poly(lactic acid) Composites with High Filler Content
15:00 - 15:20	Saswata Sahoo, Umaru S. Ishiaku, Asami Nakai, Hiroyuki Hamada	Study on the Interfacial Properties of Natural Fiber Composites
15:20 - 15:40	Tatsuro Kosaka, Hayato Nakatani, Katsuhiko Osaka, Yoshihiro Sawada	FW molding of Ramie Yarn Reinforced Polymer and its Mechanical Properties

16:00 - 18:00 2006 September Grand Sumo Tournament

18:30 - 20:30 BANQUET at Ryogoku

9/15/2006 Fri. (2nd Day)

Chairperson: Teruo Kimura

9:10 - 9:30	Donghwan Cho, Jeong Min Seo, Hyun Seok Lee, Chae Wook Cho, Qun Zhou, Jong Hyun Kim, Seong Ok Han and Won Ho Park	Property Improvement of Natural Fiber-Reinforced Green Composites by Water Treatment
9:30 - 9:50	Takashi Iizuka, Nobuo Hatanaka and Norio Takakura	Improvement of Injection Molding Method of Only Wood Powders by Using Airtight Container
9:50 - 10:10	Nguyen Huy Tung, Tran Vinh Dieu, Bui Tien Thanh	Mechanical Properties of Composite Based on Bamboo Fiber
10:10 - 10:30	Shoko Toyoyama, Saswata Sahoo, Umaru S. Ishiaku, Asami Nakai and Hiroyuki Hamada	Study on the Durability of Natural Fiber Composites

10:30 - 10:50 COFFEE BREAK

Chairperson: Koichi Goda

10:50 - 11:10	Mohammed Dauda, Masayuki Yoshiba, Kazuhiro Miura and Satoru Takahashi	Processing and Mechanical Property Evaluation of Maize Fiber Reinforced Green Composites
11:10 - 11:30	Shinpei Aoki, Teruo Kimura and Seiji Hatta	Application of Silk Composite to Decorative Laminate
11:30 - 11:50	Nguyen Thi Thuy, Tran Vinh Dieu, Vu Xuan Thuy	Investigation on Processing Polymer Composite Materials Based on Hot Cured Epoxy Resin Reinforced By Short Bamboo Fibers

Chairperson: Kenichi Takemura

11:50 - 13:20	LUNCH & POSTER SESSION	
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Chairperson: Yoshihito Ozawa

13:20 - 13:40	Masatomo Nakamura, Kazuo Kitagawa, Saswata Sahoo, Umaru S. Ishiaku, Asami Nakai, Masaya Kotaki, and Hiroyuki Hamada	Effects of Interfacial Adhesion on Mechanical Properties in Injection Molded Bamboo fiber/Biodegradable Polymer Composites
13:40 - 14:00	Goichi Ben, Yuichi Kihara and Yoshio Aoki	Optimum Molding Conditions for Fabricating Green Composite Composed of Kenaf Fibers and PLA resin
14:00 - 14:20	Thomas Wittek and Toshio Tanimoto	Comparison of Tensile Properties of Starch Resin Reinforced with Natural and Synthetic Fibers

14:20 - 14:40 COFFEE BREAK

Chairperson: Hitoshi Takagi

14:40 - 15:00	Yoshihito Ozawa and Tokio Kikuchi	Mechanical Behavior of Eco-Friendly Composite Materials with Bacterial Cellulose
15:00 - 15:20	Ken-ichi Manabe, Naoya Kobayashi, Jun-ichi Ozaki, Kihei Tsutsui and Koji Sawada	Fabrication and Tensile Deformation Behavior of Bamboo Rayon Textile Green Composites
15:20 - 15:40	Yong Cao, Koichi Goda, and Shinichi Shibata	Development and Flexural Properties of Bagasse Fiber-reinforced Composites

15:40 - 15:50 SHORT BREAK

Chairperson: Goichi Ben

15:50 - 16:20	Keynote Lecture Andrzej K. Bledzki, Adam Jaszkiwicz, Volker E. Sperbe	Abaca and Cellulose Fibre Reinforced Polypropylene
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16:20 - 16:30 Awarding Ceremony

16:30 - 16:40 CLOSING ADDRESS

POSTER SESSION

Date & Time: 9/15/2006 Fri. (2nd Day) 11:50-13:20

P-01	Seiji Kumagai, Tatsuhiko Hoshino, Yoshie Shimizu and Koichi Takeda	Wood Activated Carbon Molded by MgO Binder
P-02	Yosie Shimizu, Seiji Kumagai, Koichi Takeda, Yasuhiro Toida, and Yukio Enda	Adsorptive Desulfurization of Fuel Oil by Means of Rice Husk Activated Carbon
P-03	Kazuto Tanaka, Tomohiro Kawasaki, Yohei Kinoshita, Toshiki Murakami, Tsutao Katayama and Kazutaka Uno	Mechanical Properties of Jute Fabric Reinforced Thermoplastic Composites Based on PLA Non-woven Fabric
P-04	Ken Kurashiki, Shinsuke Hisatsugu and Masaharu Iwamoto	Development of Emulsion PLA Green Composites Reinforced by Natural Fiber and Nano Clay
P-05	Akira Matsuo, Syunsuke Sakamoto, Koichi Goda and Junji Ohgi	Tensile Properties of Bamboo Fiber Green Composites
P-06	Takashi Uno, Naoki Suizu, Koichi Goda and Junji Ohgi	Tensile and Impact Properties of Mercerized Ramie Fiber Green Composites
P-07	Hitoshi Takagi, Shuhei Kako, Koji Kusano and Akiharu Ousaka	Thermal Conductivity of PLA-Bamboo Composites
P-08	Kenichi Takemura and Yuichiro Minekage	Effect of Molding Condition to Tensile Properties for Hemp Fiber Reinforced Composite
P-09	Kenichi Takemura, Kei Zenihana and Atsuhito Saito	Effect of Heat Treatment to Tensile Properties For Jute Fiber Reinforced Composite
P-10	Sreekala Meyyarappallil Sadasivan and Koichi Goda	Development and Property Improvements in Cellulose Nanofiber Reinforced Corn Starch Resin Composites