

PROGRAM

September 27 (Tue.)

Opening address 13:30 - 13:40

Da-nian Lu (Dong Hua University, China)

Chairperson: Prof. Kenichi Takemura (Kanagawa Univ., Japan) and one from China

<Keynote lecture 1> 13:40 - 14:10

Development and strengthening of Manila hemp green composites

Hitoshi Takagi (Tokushima University, Japan)

<Keynote lecture 2> 14:10 - 14:40

Composite structure and mechanical properties of fore-wing of beetle

Qing-qing Ni (Shinshu University, Japan),

Jinxiang Chen (National Aerospace Laboratory, Japan),

Ken Kurashiki and Masaharu Iwamoto (Kyoto Institute of Technology, Japan)

<General presentation 1> 14:40 - 15:00

Influence of binding yarn on tensile performance of combined 3D woven composite

Junping Zhu and Chengyan Zhu (Zhejiang Sic-Tech University, China)

<General presentation 2> 15:00 - 15:20

Tensile and impact properties of mercerized ramie fiber green composites

Takashi Uno, Naoki Suizu, Koichi Goda and Junji Ohgi (Yamaguchi University, Japan)

<General presentation 3> 15:20 - 15:40

Development of emulsion PLA green composites reinforced by natural fiber and mineral

Shinsuke Hisatsugu, Ken Kurashiki and Masaharu Iwamoto (Kyoto Institute of Technology, Japan)

Coffee break 15:40 - 15:55

Chairperson: Dr. Toshiyuki Uenoya (Tech. Res. Institute of Osaka Pref., Japan) and one from China

<General presentation 4> 15:55 - 16:15

Synthesis of epoxy ether terminated polystyrene oligomer and grafting with end-amino oligomer

Jian Zhang, Da-fu Wei, Fu-zeng Hu, An-na Zheng (East China University of Science and Technology, China)

<General presentation 5> 16:15 - 16:35

Deformation properties of textile green composites using plain woven fabric of ramie fibers

Rie Nakamura, Koichi Goda, and Junji Ohgi (Yamaguchi University, Japan)

<General presentation 6> 16:35 - 16:55

Study on Preparation of Monodisperse P(St-MMA-AA) Microspheres

Sheng-miao Zhang, Jian-ding Chen and Sheng-guang Weng (East China University of Science and Technology, China)

<General presentation 7> 16:55 - 17:15

Effective technique to improve mechanical properties of paper sheet fabricated with bamboo

Yohei Jin, Kazuya Okubo and Toru Fujii (Doshisha University, Japan)

<General presentation 8> 17:15 - 17:35

Estimation of tensile strength of BF RTP using filamentized bamboo fiber made by frozen method

Tsutao Katayama, Kazuto Tanaka, Masako Ashimori and Koichi Ogawa (Doshisha University, Japan)

<General presentation 9> 17:35 - 17:55

Polyamide (PA6) with Antibacterial Properties

Chun-juan Yan, Fu-zeng Hu (East China University of Science and Technology, China)

<Banquet> 19:00 - 21:00

September 28 (Wed.)

Chairperson: Prof. Hitoshi Takagi (Tokushima Univ., Japan) and one from China

<Keynote lecture 3> 8:30 - 9:00

Sound Absorbing Hemp Fiber/Epoxy Composite

Yiping Qiu and Wenbing Li (Dong Hua University, China),

Kashif Noor, Paul Van Hulle, and Suzanne Wellener (North Carolina State University, USA)

<Keynote lecture 4> 9:00 - 9:30

Improvement of mechanical properties of bamboo polymer composite enhanced with micro-fibrillated cellulose

Kazuya Okubo and Toru Fujii (Doshisha University, Japan)

<General presentation 10> 9:30 - 9:50

Mechanical properties of loosing natural fiber reinforced composites

Kazuhiro Mizuta, Takashi Matsuoka, Tomoko Hirayama, and Hiroyuki Fujita
(Doshisha University, Japan)

<General presentation 11> 9:50 - 10:10

The strain rate properties of vinyl ester resin

Tao Xiong, Bin Yang, Jie Xiong, Xinjian Xu, Mingzhong Mao and Kai Zhou
(Zhejiang Sic-Tech University, China)

<General presentation 12> 10:10 - 10:30

Study on ABS resin/opal composites

Xiao-hua Gu (Qiqihar University), Peng Xi, Shi-min Ni, Ting Liu and Xinyuan Shen
(Donghua University, China)

Coffee break 10:30 - 10:45

Chairperson: Prof. Takashi Matsuoka (Doshisha Univ., Japan) and one from China

<Keynote lecture 5> 10:45 - 11:15

Natural fiber reinforced PLA composites prepared by insitu polymerization

Mu-huo Yu (Dong Hua University, China)

<General presentation 13> 11:15 - 11:35

Tensile properties of carbon fiber reinforced plastics with defective fiber array

Ren Baosheng, Koichi Goda and Junji Ohgi (Yamaguchi University, Japan)

<General presentation 14> 11:35 - 11:55

Surface Modification of Acrylic Fibers with Oxygen Plasma Treatment

Yan-chun Liu, Da-nian Lu (Donghua University, China)

<General presentation 15> 11:55 - 12:15

Sound insulation provided by PET fabric/PVC composite materials

Yaqin Fu and Yuefei Yao (Zhejiang Sic-Tech University, China),
Qing-qing Ni (Shinshu University, Japan) and Guanfeng Liu (Zhejiang Sic-Tech University, China)

Lunch time 12:15 – 13:30

Chairperson: Prof. Koichi Goda (Yamaguchi Univ., Japan)

<Special lecture> 13:30 - 14:00

Prediction of Mechanical Properties of Woven Fabrics

Fu-mei Wang (Dong Hua University, China)

Chairperson: Prof. Kazuya Okubo (Doshisha Univ., Japan) and one from China

<General presentation 16> 14:00 - 14:20

Study on PP grafted with ULP containing Rare Earth

Yuan-feng Pan, An-Na Zheng, Fu-zeng Hu (East China University of Science and Technology, China)

<General presentation 17> 14:20 - 14:40

Non-isothermal Crystallization kinetics of ATPU grafted polypropylene

Yu Zhang, Yong Guan, Fu-zeng Hu and An-na Zheng Hu (East China University of Science and
Technology, China)

<General presentation 18> 14:40 - 15:00

Study on PVC Modified by Nano-Calcium Carbonate/Poly(n-butyl acrylate) Composite

Yun Zhu, Hong Lu, Fu-zeng Hu and An-na Zheng (East China University of Science and Technology,
China)

Closing address 15:00 - 15:05

Koichi Goda (Yamaguchi University, Japan)

September 29 (Thu.)

Post Conference Tour 8:00 - 16:00

Sightseeing in Shanghai city

16:00 Pudon International Airport