

JSPS Asia-Africa Science Platform Program on Neo-Fiber Technology,
Seminar Series 4, at Yeungnam University, Korea on 9-11 March, 2009.
*"Recent advances in design and functions of fiber and textile products in
Asia and Africa"*

PROGRAM

March 9 (Mon)

- 10:00~10:10 Opening Remarks
Hyo-Soo LEE (President of Yeungnam University, Korea)
Mutsuo TAKENAGA (Vice-president of Kyoto Institute of Technology, Japan)
- 10:10~10:30 1) Kazunari MORIMOTO (Kyoto Institute of Technology, Japan)
"Design of Sign Animation for Hearing-Impaired People"
- 10:30~10:50 2) Tae Won SON and Gun Min LEE (Yeungnam University, Korea)
"Preparation and Characterization of Pullulan Nanofibrous Web by Electrospinning"
- 10:50~11:10 <Tea Break>
- 11:10~11:30 3) Katsufumi TANAKA, Yuichiro TANABE, and Ryuichi AKIYAMA,
(Kyoto Institute of Technology, Japan)
"Electrical Orientation for Cast Films of Cellulose Derivatives"
- 11:30~11:50 4) Seung Jin KIM¹ and Tae Gyu KIM², (¹Yeungnam University, ²Daegu Arts University, Korea)
"Seam Puckering and Garment Formability of Worsted and Wool/Polyester Blend Fabrics"
- 11:50~14:00 <Lunch>
- 14:00~14:20 5) Kevin CHEUK (Hong Kong Polytechnic University, China)
"Novel Hyperbranched Polymers as Wrinkle-resistant Agents for Cellulosic Fabrics"
- 14:20~14:40 6) Chuong BUI, Vinh Dieu TRAN, Huy Tung NGUYEN, Phuong Hoa TA, Pham Duy Linh NGUYEN, Minh Duc VU, (Hanoi University of Technology, Viet Nam)
"Study on Application of Vietnamese Bamboo Fibers for Composite Materials"
- 14:40~15:00 <Tea Break>
- 15:00~15:20 7) Du Hwan CHUN¹ and Yongdae KIM², (¹Yeungnam University, ²Korea Textile Machinery Research Institute, Korea)
"An Application of CFD for Design Optimization in Textiles - A Case Study"
- 15:20~15:40 8) Bin YU (Zhejiang Sci-Tech University, China)
"Preparation and Radar Wave Absorbing Characterization of Bicomponent Fibers with Infrared Camouflage"
- 15:40~16:00 9) Xuemei DING (Dong Hua University, China)
"Effect of Fabric Care Products and Technologies on Textiles/Apparel End-Use"
- 16:00~17:00 Poster Presentation
- 18:00~ <Banquet>

March 10 (Tue)

- 10:00~10:20 10) Kazuko SAKAMOTO (Kyoto Institute of Technology, Japan)
"The Comparative Analysis of Design Tastes in Asia"
- 10:20~10:40 11) Youn Soon LEE (Yeungnam University, Korea)
"A research for Developig the Fabric Applied Korean Traditional Gold Foil"
- 10:40~11:00 <Tea Break>
- 11:00~11:20 12) Tatsuo OIDA and Yusuke SANADA (Kyoto Institute of Technology, Japan)
"The Novel Bis-Ammonium Gemini Surfactants having A C2v Symmetry; Preparation, Surface Properties, and Bacteriostsis Activity"
- 11:20~11:40 13) Jae-Jin SHIM¹, Yuvaraj Haldorai¹, and Gwang-Soo Lee²
(¹Yeungnam University, ²Samill Industries, Ltd., Korea)
"Dyeing of Textiles in the Presence of Supercritical Carbon Dioxide"
- 11:40~13:30 <Lunch>
- 13:30~13:50 14) Mohammad Sabry Ismail SABRY (Helwan University, Egypt)
"An Approach to Textile Fibers in Egypt"
- 13:50~14:10 15) Tetsuya SATO (Kyoto Institute of Technology, Japan)
"Colour Research on Textile and Its Application"
- 14:10~14:30 Closing Remarks
Tae Won SON (General Chair of Yeungnam University, Korea)
Yoshiharu KIMURA (General Chair of Kyoto Institute of Technology, Japan)
- 15:00~17:00 Technical Tour I (Yeungnam University)

March 11 (Wed)

- Morning Technical Tour II (DYETEC, KTDI in Daegu)
<Lunch>
- Afternoon Technical Tour II (GyeongJu)

March 9 (Mon) 16:00~17:00 Poster Presentation

- P-1) Sinae Choi, Taegyong Kim¹, Hyejin Kim, Youngmin Park², Sangwoo Jin² and Soonjee Park (Yeungnam University, ¹Daegu Arts University, ²Korea Sewing Technology Institute, Korea)
"Garment Pattern Design for Elderly Women's Underwear using 3D Human Body Scan Data"
- P-2) Ji won Chong, Young eun Song, Jaewoong Lee, and SamSoo Kim (Yeungnam University, Korea)
"Preparation for colored PET films containing carbon black"
- P-3) Hideki YAMANE¹, Yoshito TAKAGI¹, Takashi WANO² and Daisuke KITAGAWA² (¹Kyoto Institute of Technology, ²NittoDenko, Japan)
"Fiber Formation of Poly(tetrafluoroethylene) from Its Emulsion"
- P-4) Jiyeon Baek, Eunyoung Song, Jaewoong Lee, and SamSoo Kim (Yeungnam University, Korea)
"Preparation and application of an N-halamine material for antimicrobial membranes"
- P-5) Masatsugu MOCHIZUKI (Kyoto Institute of Technology, Japan)
"A New Generation Synthetic Fiber made from Poly(lactic acid)"
- P-6) Zhiqin PENG¹, Yoichiro YOSHIDA², Sachiko Sukigara² (¹Centre for Fiber and Textile Science, ²Graduate School of Science & Technology, Kyoto Institute of Technology, Japan)
"A Novel Macro/Nano Nonwoven with Environment-Friendly Properties: The Effect of Concentration"
- P-7) Jae-Chang LEE, (The Center for Fiber & Textile Science, Kyoto Institute of Technology, Japan)
"Higher-Order Structure and Mechanical Properties of The Microbial Polyesters Uniaxially and Biaxially Drawn Films"
- P-8) Shigeyuki NAKANO¹, Amalina M AFIFI², Hideki YAMANE², Yoshiharu KIMURA², (¹Hyogo Prefectural Institute of Technology Technical Support Center for Textiles Industries, ²Kyoto Institute of Technology, Japan)
"A Novel Electrospinning Process with Double Nozzles for Production of Twist Yarn"
- P-9) Hidekazu YASUNAGA (Kyoto Institute of Technology, Japan)
"Oxidation Hair Dyestuff Prepared by Using Electrochemical Technique and Their Dyeability"
- P-10) JeongEun Park, Daun Jung, Jaewoong Lee, and SamSoo Kim (Yeungnam University, Korea)
"Surface modification of fabrics using a silver colloidal solution"
- P-11) Masahiko MINODA, Mariko MAEDA, Shizuka MORI, and Jin MOTOYANAGI (Kyoto Institute of Technology, Japan)
"Synthesis of Novel Conjugates between Amylose and Poly(Vinyl Ether) by A Chemoenzymatic Procedure"
- P-12) Isao WATAOKA (Kyoto Institute of Technology, Japan)
"Dependence of Coexistence Ion on Gelation of Aqueous Solutions of kappa- and iota-carrageenan"
- P-13) Takashi AOKI (Kyoto Institute of Technology, Japan)
"Novel Biomimetic Materials from Optically Active Polymers"