

Asia-Africa Science Platform Program
Establishment of Collaboration Research for 'Neo-Fiber Technology' in Asia and
Africa Seminar Series 8 "New Hope"
&
Annual Report Meeting for 'Neo Fiber Technology' Project 2012-13

Programme

16 Mar. and before

Invited speakers arrive & check-in at "Kosen Kaikan"

17 Mar. (Sun)

1) Discussion tour in Kyoto

Visiting Kawashima Selkon Textiles & etc.

2) Reception at Plaza KIT

18 Mar. (Mon)

Conference at Kyoto Institute of Technology

9:30 - 9:40 Opening Address

Chair: YAMANE, Hideki

0) Prof. FURUYAMA, Masao (President of Kyoto Institute of Technology)

9:40 - 12:00 Oral Presentations 1 (Invited: 25 min presentation + 5 min discussion)

Chair: YAMANE, Hideki

1) Prof. XIN, John H. (Hong Kong Polytechnic University)

"Smart Thermoresponsive Hydrogel Coated Textile Materials for Skin Application"

2) Dr. VARGHESE, Febi (Kerala State Industrial Enterprises Ltd.)

"Golden Fiber from God's Own Country"

Tea break (20 min)

Chair: MINODA, Masahiko

3) Prof. HONG, Feng (Donghua University)

"Biotransformation of Waste Cotton Fabrics to Bacterial Cellulose"

4) Prof. EL-SALMAWY, Ahmed (Helwan University)
“Textiles and Fiber in Egypt Between The Present and The Future”

12:00 - 14:00 Lunch + office procedure

14:00 - 16:50 Oral Presentations 2 (Invited: 25 min presentation + 5 min discussion)

Chair: SAKURAI, Shin'ichi

5) Prof. SON, Taewon (Yeungnam University)
“to be determined”

(General: 15 min presentation + 5 min discussion)

6) Prof. MORI, Hajime (Kyoto Institute of Technology)
“Transgenic Silkworm and Recombinant Silk Proteins”

7) Prof. MIYAMOTO, Masatoshi (Kyoto Institute of Technology)
“Synthesis of Bifunctional Monomers from Pyruvic Acid and Their Polymerization”

Tea break (20 min)

Chair: YASUNAGA, Hidekazu

8) Prof. AOKI, Takashi (Kyoto Institute of Technology)
“The Mechanical Properties of DNA-Based Bioplastics”

9) Prof. TANAKA, Tomonari (Kyoto Institute of Technology)
“Facile Synthesis of Oligosaccharide-Polylactide Conjugates and Their Unique Aggregation Behavior”

10) Prof. YAMANE, Hideki (Kyoto Institute of Technology)
“Effect of The Addition of Nano-Particles on The Physical Property and The Melt-Spinnability of Bacterial Polyesters”

17:30 - Poster presentations + Buffet party (at same place)

19 Mar. (Tue)

9:40 - 12:00 Oral Presentations 3 (Invited: 25 min presentation + 5 min discussion)

Chair: AOKI, Takashi

1) Prof. DING, Xinbo (Zhejiang Sci-Tech University)
“The Effect of Initial Cracks on The Tearing Properties of PVDF Membrane
Structure Materials”

2) Dr. NGUYEN, Pham Duy Linh (Hanoi University of Technology)
“Correlation of Natural Fibers Micro-Structure and Properties of Their Composite
Materials”

Tea break (20 min)

Chair: TANAKA, Tomonari

3) Dr FEL, Bin (Hong Kong Polytechnic University)
“Optical Performances of Composite Fibers”

4) Dr. AFIFI, Amalina Binti Muhammad (University of Malaya)
“Electrospinning of Nanofiber Composite from Biobased Polymer”

12:00 - 13:40 Lunch

13:40 - 17:40 Oral Presentations 4 (General: 15 min presentation + 5 min discussion)

Chair: SASAKI, Sono

5) Prof. OIDA, Tatsuo (Kyoto Institute of Technology)
“Poly-Functional Surface Finishing Reagents Based on Poly-Allylamine; Part III”

6) Prof. YASUNAGA, Hidekazu (Kyoto Institute of Technology)
“Hair Dyeing by Using Colourants Due to Complex Formation between Biobased
Materials and Metal Compounds”

7) Prof. WATAOKA, Isao (Kyoto Institute of Technology)
“Structural and Functional Characteristics of Polysaccharides”

8) Prof. SAKURAI, Shin'ichi (Kyoto Institute of Technology)
“Intriguing Higher-Order Crystalline Structure in Poly(oxyethylene)/Poly(lactide)
Blend”

Tea break (20 min)

Chair: OIDA, Tatsuo

9) Prof. SASAKI, Sono (Kyoto Institute of Technology)
“Thickness Effect on Crystallization Behaviors of Poly(3-hydroxybutyrate) Thin Films on Si Substrates”

10) Prof. MINODA, Masahiko (Kyoto Institute of Technology)
“Controlled Synthesis of End-Functionalized Hydrophilic Polymers and Their Applications”

11) Prof. TANAKA, Katsufumi (Kyoto Institute of Technology)
“Optical Properties and Rheological Behavior for Composites of Hydroxypropyl Cellulose and Nano-Fibers”

12) Prof. SATO, Tetsuya (Kyoto Institute of Technology)
“Colour Tolerance Prediction for Recycled Paper”

Tea break (20 min)

Chair: SATO, Tetsuya

13) Prof. SAKAMOTO, Kazuko (Kyoto Institute of Technology)
“The Consumer Behavior and International Comparison to Textile Goods”

14) Prof. SUKIGARA, Sachiko (Kyoto Institute of Technology)
“Optical and Surface Characteristics of Japanese Traditional Silk Fabrics”

17:40 - 17:50 Closing remarks

Chair: SATO, Tetsuya

16) Prof. YAMANE, Hideki (Director of Centre for Fibre & Textile Science,
Kyoto Institute of Technology)