

6th International Symposium on Dyeing and Functionalization of Textiles and
Polymers (ISDF2018)
~70th Anniversary Symposium of the 120th Committee,
Japan Society for the Promotion of Science~

Date: November 11th -13th, 2018

Venue: WINC AICHI

1st Day (Sun), Room 906

18:00 – 20:00 Registration & Welcome Party

2nd Day (Mon), Room 1001

9:00 – 9:30 Registration

9:30 – 9:40 Opening Remarks

9:40 – 10:20 **“DETOXing Efforts in Textile Supply Chain”**

Dr. Rakesh Vazirani (TÜV Rheinland, Hong Kong)

10:20 – 11:00 **“A New Roll to Roll Manufacturing Line to Produce Multifunctional Films
with Z Oriented Nanocolumns of Particles for Ultrasensitive Sensors”**

Prof. Mukerrem Cakmak (Purdue University, USA)

Break

11:10 – 11:50 **“Mechanical, Flammability and Acoustic Properties of Non-Woven
Natural Fibre Composites “**

Prof. Zainal Arifin Mohd Ishak (Universiti Sains Malaysia, Malaysia)

11:50 – 12:30 **“Recent Trends of Digital Textile - Beyond Printing -”**

Dr. Akiyoshi Ohno (Ohno Inkjet Consulting, Japan)

Lunch

14:00 – 14:40 **“Structure-Function Integrated Construction of Bio-based Fibers “**

Prof. Meifang Zhu (Donghua University, China)

14:40 – 15:20 **“Issues on Carbon Fiber Recycling from CFRP Waste”**

Prof. Hiroshi Moritomi (Gifu University, Japan)

15:20 – 16:00 **“Outlook of SCF Dyeing for Textile in Korea”**

Prof. Youn-Woo Lee (Seoul National University, Korea)

16:00 – 17:30 Poster (Room 1201)

18:00 – 20:00 70th Anniversary Banquet (Castle Plaza)

3rd Day (Tue), Room 1001

- 9:30 – 10:10 **“Creating Efficiently a Market of 2 Trillion Yens for Smart Textile? Experience of Binding the Cultures of Textile, Medical and Digital Technologies in Paris”**
Dr. Marc Frouin (BioSerenity, France)
- 10:10 – 10:50 **“Fibril Structure Development and Strength of Polyester Fiber”**
Prof. Yutaka Ohkoshi (Shinshu University, Japan)
- Break
- 11:00 – 11:40 **“Automated Composites Manufacturing and 4D Printing of Composites”**
Prof. Suong Van Hoa (Concordia University, Canada)
- 11:40 – 12:10 **“Development of Supercritical Carbon Dioxide Technology for Lab Dye and Functionalization”**
Dr. Po-Ju Lin (Taiwan Textile Research Institute, Taiwan)
- 12:10 – Closing Remarks
- Lunch & Excursion (Toyota Commemorative Museum of Industry and Technology)