

185<sup>th</sup> Conference  
**Scientific Federation**



The Sukosol Bangkok, 477 Thanon Si Ayutthaya, Khwaeng  
Thanon Phaya Thai, Khet Ratchathewi, Krung Thep Maha  
Nakhon 10400, Thailand



# Scientific Program

## International Conference on **Textile Engineering**

October 21-22, 2019 | Bangkok, Thailand



**Scientific Federation**  
Panjagutta, Hyderabad, Telangana-500082, India

## Day 1 October 21, 2019

### Main Hall

- 08:00-09:00 Registrations  
09:00-09:15 Introduction & Opening Words

### Plenary Forum

- 9:15-10:00 **Title: Utilization of Lanolin in Pigment Printing of Textiles**  
Hosam EL-Sayed, National Research Centre, Egypt
- 10:00-10:45 **Title: The Role of Plasma Chemistry in Sustainability of Textile Surface Treatments**  
Majid Sarmadi, University of Wisconsin, USA

Refreshments Break 10:45-11:00 @ Foyer

### Keynote Forum

- 11:00-11:40 **Title: 3D Conformal Porous Microstructures on Textile Substrates**  
Xu Bin-gang, Institute of Textiles and Clothing, Hong Kong
- 11:40-12:20 **Title: Sustainability in Textile Engineering Education for Sustainable Textile Industry of Bangladesh**  
Lal Mohan Baral, Ahsanullah University of Science and Technology, Bangladesh
- 12:20-13:00 **Title: Impact Behaviour of Laminated Textile Structure of Coir/Kevlar Composites**  
Azrin Hani Abdul Rashid, Universiti Tun Hussein Onn Malaysia, Malaysia

13:00-13:05

Group Photo

Lunch Break 13:05-14:00 @ Restaurant

### Oral Talks

**Session** Textile Engineering | Fiber Engineering | Yarn Manufacturing | Garment Engineering | Nano Textiles, Nano Composites | Design & Structure of Fabric | Automation in Textiles

**Session Chair** Xu Bin-gang, Institute of Textiles and Clothing, Hong Kong

- 14:00-14:30 **Title: Microchips in Yarns - A Revolutionary New Approach to Manufacturing Intelligent Garments**  
Tilak Dias, Nottingham Trent University, United Kingdom
- 14:30-15:00 **Title: Study of the Apparel & Garments Wear Colouration Processing**  
Ramratan, NIT Jalandhar, India
- 15:00-15:30 **Title: Comprehensive Development of Smart Personal Protective Equipment**  
Jan Jordan, RWTH Aachen University, Germany
- 15:30-16:00 **Title: A Kinetic Study of Alkaline Degumming Process of Retted Banana Fiber**  
Shailesh R Shah, The Maharaja Sayajirao University of Baroda, India

Refreshments Break 16:00-16:15 @ Foyer

- 16:15-16:45 **Title: Requirements of Textile Device Design for Parietal Defects**  
Alina Florentina Vladu, National Research and Development Institute for Textiles and Leather, Romania

- 16:45-17:15**      **Title: Porous to Fibrous Structure: Introduction of Layman's Nano Fibre**  
Shamayita Patra, Shri Vaishnav Institute of Textile Technology, India
- 17:15-17:45**      **Title: Functional and Intelligent Fiber Researches in TMIRC**  
Cheng Kuo- Pin, Feng Chia University, Taiwan
- 17:45-18:15**      **Title: Study of the Garments &Apparel Seam Quality Characterization Performance**  
Ramratan, NIT Jalandhar, India
- 18:15-18:45**      **Title: Regenerated Protein Fiber using Chicken Feather**  
Yuvanprasanth V, Kumaraguru College of Technology, India

**Poster Presentation**

- P-001**      **Title: Characterization of Hydrocarbon Chain Immobilized Cotton Fiber Surface by Atomic Force Microscopy**  
Kyohei Joko, Sugiyama Jyogakuen University, Japan

**End of the Conference**



**Bookmark Your Dates**

**2<sup>nd</sup> International Conference on**

# **Textile Engineering**

**October 15-16, 2020 | Lisbon, Portugal**

