

EUROPEAN TEXTILES

GOING DIGITAL - GOING HIGH-TECH

12-13 OCTOBER 2016, BRUSSELS



TOWARDS A 4TH INDUSTRIAL REVOLUTION IN TEXTILES & CLOTHING



While the last 10 years in the aftermath of the liberalisation of global textile markets in 2004 were characterized by off-shoring of volume textile and clothing production, shrinkage and restructuring of the European manufacturing base and a search for new market niches and business models, the next 10 years will more likely see the **re-emergence of European textile leadership**.

Digitisation, advanced materials, high-tech processes and new growth markets offer great opportunities for Europe's textile innovators. Companies that flexibly, yet highly efficiently make customised textile based products smartly linked with value adding services, always close to the customer will conquer global market niches.

In addition, textiles will be critical innovation enablers in global growth markets such as affordable, **personalised health care, smart wearables for sports and personal protection, light-weight transport systems or flexible and multifunctional construction materials** or resource-efficient **material solutions for renewable energy generation or agricultural productivity**.

Event organised by the **TEXTILE ETP**

www.textile-platform.eu

Join this high-level conference to:

- Discover the new **Strategic Innovation and Research Agenda** of the European Textile and Clothing sector for the next 10 years
- Learn how digital technologies transform textile and clothing production and enable business models based on flexibility and short run production close to the end market
- Explore market opportunities for high-tech textile innovations in growth markets such as health, sports, protection, construction, infrastructure or transport
- Meet the next generation of European textile start-up entrepreneurs
- Get first-hand information about the objectives and results of major EU-funded collaborative textile research projects
- Better understand how European policies and programs support textile research, innovation and the emergence of a powerful network of regional innovation clusters
- Network with leading European textile researchers and industry innovators

The event supports dissemination of the following EU projects

MATCH
Building the European
Materials Common House

TECLO

Belite

**BIO4
SELF**

smart@fire

Detailed Programme

DAY 1: THE DIGITAL REVOLUTION IN TEXTILE AND CLOTHING MANUFACTURING

(CONFERENCE 9.30 – 17.30 HOURS + NETWORKING COCKTAIL)

9.30 - 11.15 Plenary opening session: Strategic Directions of Textile Research & Innovation and related EU Policies

- **Paolo Canonico**, Textile ETP: Towards a 4th Industrial Revolution - the new Strategic Innovation and Research Agenda for European Textiles and Clothing
- **Lorenzo Valles**, DG Research & Innovation, European Commission: Industrial Technologies Research in H2020
- **Max Lemke**, DG Connect, European Commission: Digitising European Industry
- **Regina Brückner**, CEMATEX: Digitisation and sustainability as key drivers for textile manufacturing technologies of the future

11.45 - 13.00 Thematic Session – Digital & Advanced Textile Materials Manufacturing

- **Hans-Jürgen Bauder & Dieter Stellmach**, ITV-Denkendorf (DE): Development, Manufacturing and Application of 3D Fabrics in an Industry 4.0 Scenario
- **Filips Lombaert**, Picanol (BE): Digital Weaving, the Future is Today
- **Andreas Roye**, Lucem (DE): Manufacturing and world-wide installation of fibre-based translucent concrete

13.00 – 14.00 Networking lunch

14.00 - 15.15 Thematic Session – Digital Surface Technologies

- **John Scrimshaw**, WTIN (UK): The Opportunity that Digital Textile Printing Represents in Europe
- **Marc Van Parys**, Unitex (BE): Digital Textile Finishing
- **Jong min Kim**, University of Cambridge (UK): The potential of printed textile-based electronics

15.45 – 17.30 Thematic Session – Digital and Local Fashion Manufacturing

- **Keith Hoover**, Under Armour (US): The Under Armour Lighthouse – Guiding the Way to Local-for-Local Apparel Production
- **Hervé François**, Mitwill Textiles Europe (FR) & **Rolf Köppel**, Zünd Systemtechnik (CH): Digitally integrated design to manufacturing for small series fashion production
- **Jesse Marsh**, Atelier Studio Associato / City of Prato (IT): Human Digital Innovation in Fashion: The Real Revolution
- **Giada Marinensi**, Link Campus University (IT) & **Désirée Scalia**, CIAPE (IT): TECLO – Educating the next generation of Textile and Clothing Managers in Europe

Side event – MATCH Workshop, 15.45-17.45

MATCH – The European Materials Common House

Validating a study on Europe's priorities in advanced materials research & providing input to **HORIZON 2020 material research topics**



17.45 – 19.30 Networking cocktail



DAY 2: TEXTILES AS INNOVATIVE SOLUTIONS FOR HIGH ADDED VALUE GROWTH MARKETS

(9.30 – 16.30 HOURS)

9.30 - 11.00 Plenary opening session

- **Peter D. Dornier**, Lindauer DORNIER GmbH (DE): The Textile Empire Strikes Back – Reloaded – How fibre-based high performance materials will shape our future
- **Hendrik van Delden**, Gherzi (CH): Opportunities for European producers on the world market for technical textiles - results of an EU study
- **Mohit Raina**, Raina Industries (IN): Bringing innovative European construction textiles to the growing Indian market

11.30 - 13.00 Thematic session: High-performance & multifunctional materials for construction and interiors

- **Andreas Koch**, ITA RWTH Aachen (DE): Overview of varied application possibilities of technical textiles in construction
- **Giannicola Loriga**, D'Appolonia (IT): MULTITEXCO- New paradigm for multifunctional textiles targeting the construction sector
- **Tina Tomovic**, Lucerne University (CH): PV Play - Colouring Solar Panels
- **Pieter Heyse**, Centexbel (BE): Textiles for safe, healthy and ambient living

11.30 - 13.00 Thematic session – Functional and smart materials for health and wellness

- **Dilibar Aibibu**, ITM TU Dresden (DE): New developments in fibre-based implants
- **Rosa López**, AITEX (ES): Functional and Smart Textile Solutions for Health and Wellness
- **Pierre Yves Frouin**, Bioserenity (FR) tbc.: Smart textiles for epilepsy monitoring
- **Ariadna Detrell**, Gremi Textil de Terrassa (ES): BETITEX - Textile materials protecting against ticks and bedbugs

14.00 - 15.15 Thematic session: Innovative textiles for resource efficiency

- **Paolo Beccarelli**, MACO Technology (IT): New developments in coated fabrics for the biogas industry
- **Anna Grosse**, STFI (DE): ProGeo: Sustainable Erosion Protection by Geotextiles Made of Renewable Resources
- **Patrick De Saedeleir**, DS Textiles (BE): Applied circular economy for technical fibre applications

14.00 - 15.15 Thematic session – Functional and smart materials for sports, outdoor and protection

- **Joao Gomes**, CeNTI (PT): Functional and Smart Materials for Sports, Outdoor and Protection
- **Rickard Rosendahl**, inuHEAT (SE): High tech wearable heating
- **Marco Dal Lago**, CLARA Swiss Safety Technology (CH): Smart textile innovations for sports and outdoor

15.35 – 16.30 Plenary closing session

- **Carlo Corazza**, DG GROW, European Commission: EU Industrial Policies supporting innovation, education and regional investment
- **Katarzyna Grabowska**, AUTEX (PL): Higher Textile Education in Europe - Trends and Needs
- **Lutz Walter**, Textile ETP (BE): RegioTex - Access to regional innovation capacities and funds as key factor for successful T/C SME's

Side event – TECLO Final Conference, 9.30 -13.00 h

TECLO – Textile and Clothing Knowledge Alliance

Educating the next generation of Textile and Clothing Managers in Europe

Find the detailed agenda at the conference website or at www.teclo.eu



Practical Information

Venue: Brussels, HUSA President Park Hotel, www.husapresidentpark.com



Organiser: The European Technology Platform for the Future of Textiles and Clothing, with logistical support of EURATEX – the European Apparel and Textile Confederation

Conference fees:

Type of participant	Full conference rate	1-day rate
ETP associated member* (50% off full rate)	€ 225.00	€ 125.00
ETP networking member	€ 400.00	€ 225.00
Other	€ 450.00	€ 250.00

All above fees are exclusive of Belgian VAT 21%

*Premium associated members can register up to 3 participants at the 50% discount rate, standard associated members can register 1 participant at the 50% discount rate, additional participants can register at the networking member rate

EU officials, accredited journalists and speakers attend free of charge

- Hotel accommodation:

Conference hotel HUSA President Park hotel, www.husapresidentpark.com

Preferential rate: € 140.00 single room per night incl. breakfast

- Contacts:

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Check for regular conference programme updates, registration and hotel booking forms at

www.textile-platform.eu

