

European Textiles Going Digital - Going High-Tech

SAVE THE DATE



TOWARDS A 4TH INDUSTRIAL REVOLUTION IN TEXTILES & CLOTHING

The detailed event program will be published and registrations will start in July



12-13 OCTOBER 2016, BRUSSELS

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 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

Programme Outline



Conference Venue:
HUSA President Park hotel
Brussels

www.husapresidentpark.com

Organiser Contact:

Lutz Walter, Textile ETP

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DAY 1: THE DIGITAL REVOLUTION IN TEXTILE AND CLOTHING MANUFACTURING (10.00 – 18.00 HOURS)

Opening session

Presentation of the Strategic Research Agenda of the Textile ETP and outlook on Advanced Material and Industrial Technology Research in the HORIZON 2020 Programme.

Thematic Session – Digital Fabric Formation

Presentations from leading researchers and industry innovators developing and applying the next generation of digitally enabled and direct 3D-shape generating fabric manufacturing technologies.

Thematic Session – Digital Surface Technologies

Presentations from leading researchers and industry innovators developing and applying the next generation of digitally enabled and smart functionality generating textile surface technologies.

Thematic Session – Digital Fashion

Presentations from leading technology developers and industry innovators developing and applying the next generation of digital and virtual solutions for new levels of productivity, creativity and customization of fashion.

20.00 Networking dinner

DAY 2: TEXTILES AS INNOVATIVE SOLUTIONS FOR HIGH ADDED VALUE GROWTH MARKETS (9.30 – 16.30 HOURS)

Opening session

Presentations on end market trends and application potential for technical textiles in fields such as transport, construction, energy, medical, sports or protection.

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

Presentation of latest developments on innovative textile-based solutions for reinforcements, free-form textile infrastructures and smart functional interiors.

Thematic session – Function and smart materials for health and wellness

Presentation of latest developments on innovative textile-based solutions for smart wearables, textile implants, wound dressings and smart consumer health products

Thematic session: High-performance & multifunctional materials for resource efficiency

Presentation of latest developments on innovative textile-based solutions for Agricultural, marine, renewable energy & environmental applications.

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

Presentation of latest developments on innovative textile-based solutions for smart wearables, multifunctional sports and outdoor gear and protective equipment

Closing session

Strategic views on European industry evolution, EU industrial policy and regional cluster development over the next 10 years.

Thematic workshops and an exhibition space related to on-going European projects will be organized as side-events.

