



Tuesday, September 24th, 2024

Theme – Textiles for sports

10:20 – 11 :00 Conference n° 1

Mineral fiber in the marine market and other applications

FILAVATM is a mineral fiber with very high mechanical and thermal performance, used in a wide range of fields, including the marine industry. Isomatex will present the technical and eco-responsible characteristics of this innovative fiber, as well as examples of marine applications.

ISOMATEX – Bernard Voss

11:40 – 12 :20 Conference n° 2

Biomimetic innovation applied to textiles

To meet the challenge of the textile industry's environmental impacts and climate changes, nature is proving to be an underestimated potentially. Sources of inspiration exist at multiple scales, from micro-organisms with optimized functional structures to cooperative ecosystem organizations. This talk takes an overview of the potential for innovation offered by biomimicry in the textile sector.

GEMTEX – Philippe Vroman

14:40 – 15 :20 Conference n° 3

CO2 as a raw material: decarbonizing the textile industry.

Fairbrics has created a CO2 recovery platform to replace fossil resources in the manufacture of polyester. This technology preserves the characteristics of PET while radically altering its environmental impact. Here's a look back at how the technology came into being, and how it can be applied in the textile industry.

FAIRBRICS – Bruno Marengo

17:00 – 17 :40 Conference n° 4

Alternative fibers to elastane

Presentation of IFTH research projects on alternatives to elastane, which causes problems in the recycling phase. IFTH work on the development of a fiber with elasticity characteristics appropriate for sports use, allowing it to withstand sufficient stress and temperature. This biosourced fiber makes it easier to recycle clothing intended for sports use.

IFTH – Isabelle Feirrer

18:45 – 20:15

CONFERENCE

**Sébastien Destremau :
Sails, textile and composites**

Sébastien Destremau is a French sailor and skipper with 6 world championship titles, many victories in the Tour de France à la voile, the Sydney-Hobart, 18th in the 2017 Vendée globe and 2nd in the Route du Rhum. He has written a book and holds many conferences on surpassing oneself, team spirit, risk management, resilience and more.

The nautical world is full of textiles innovations, from skippers' outfits to ropes, sails and composite boat hulls.

Sébastien DESTREMEAU - FaceOcean

Wednesday, September 25th, 2024

Theme – Ecological alternatives

09 :00 – 09 :40 Conference n° 5

Materials for environmental transition

In this conference, Robin Maquet, founder of BYSCO, will present his vision of materials for environmental transition. You will be immersed in the world of new materials and circular economy. You will also discover how the mold byssus valorization process, invented by Bysco, is accelerating the transition of sustainable materials.

BYSCO – Robin Maquet

11:40 – 12 :20 Conference n° 6

RegioGreenTex

Reinforcing textile circularity in European regions. As part of the European Green Deal, RégioGreenTex is a project promoting research and development collaboration for the textile industry between the four main sectors of society (industry, government, research institutes and the public), working to create systematic circular economic model throughout the European Union.

Euramaterials – Jeanne Meillier
