



Edito

News from TECHTERA “Design Residence”

Very good news for the TECHTERA Design Residence that ended in March: with 87 persons supported, this initiative, headed by the “Cité du Design” and funded by the Auvergne-Rhône-Alpes Region, was an inspiration for the TECHTERA teams and members and gave us a new look at innovation.

Using awareness programmes and teamwork during key events of the cluster, the two residential designers, Céline Michelland and Fabienne Le Henaff, highlighted the importance of design in the innovation process - placing utilisation at the centre of our thoughts.

The “Residence” was also the occasion for personal support for companies from all levels of the textile value chain: raw material, yarn, weaving, knitting, finished product, etc. This support demonstrated that design has its place in all trades, helping participants to consider their approach to innovation from a new angle.

The “Residence” comes to an end, but design does not stop at TECHTERA. Utilisation is now a concern at the heart of the cluster’s workshops; and the strong links woven with designers and the “Cité du Design” will be the opportunity for you to experience other facets of design in the future.

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Focus

TECHTERA supports its members in their R&D and Innovation projects

The support offered by the cluster may intervene at different stages in a project’s maturity:

- 1) Support in the search for funding (identifying Calls for Projects, help with finance plans, support for projects when meeting financiers)
- 2) Support with setting up projects (defining objectives, identifying technological barriers, identifying innovations, search for partners and forming consortiums)
- 3) Project development (workshops, identifying themes that bring innovation to the sector, mobilisation of key players)

Examples of TECHTERA support:

Of the latest three Calls for Projects from the FUI (*French fund for innovation clusters*), 50% of the projects financed come from TECHTERA workshops: NEXTGEN, NHYCCO, ETINCELS2, DEPERFLEX II, LITEVA.

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Our services

Exhibit at TECHTEXTIL, the world's leading technical textiles event – May 14 to 17, 2019 in Frankfurt

Germany is the biggest producer and consumer of technical textiles in Europe. TECHTEXTIL Frankfurt has become the industry's leading trade show with 1,500 exhibitors and 33,700 visitors in 2017; making this event an international showcase for highlighting your know-how among contractors.

Benefit from a presence at the sector's essential event with the support of TECHTERA, BUSINESS FRANCE for the French Pavilion and the support of the Auvergne-Rhône-Alpes Region. The terms for participation with TECHTERA will be available mid-May.

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They are members

LA FABRIQUE

Within the campus of the 19 schools of the CCI (*chamber of commerce and industry*) Paris Ile-de-France, LA FABRIQUE, (*the school for the fashion and decoration trades*), declares its passion for technology as the vital key to creation. It continues to defend this "French Skill", which has always allowed creation and know-how to progress together.

Website: www.lafabrique-ecole.fr

VALERIE ROMANI

Created in December 2016, its field of activity advice when buying professional clothing. Its missions target two kinds of client: public or private contractors and garment manufacturers, to help them respond to calls for tenders.

Website: www.valerieromani.fr

They are also members: [SATAB](#) | [PREFA DU LEMAN](#) | [D2P BILLON](#) | [HÄSTKO](#) | [BERNAUD CREATION](#) | [AXEL'ONE](#) | [TEINTURES ET APPRETS DANJOUX](#)

Your appointments with the cluster

May 24th: General Meeting, Hôtel de Région, 1 esplanade François Mitterrand, LYON (16:00 – 21:00)

The TECHTERA General Meeting will discuss the past year and the cluster's future prospects. The event will take place at the Hôtel de Région at Lyon Confluence on May 24, 2018 - and be followed by cocktails.

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The life of the cluster

- 19-20 June : Conférence WEAR IT, BERLIN

Our member's news

CANOE participates in the SMARTFAN European project

CANOE: The "Nouvelle Aquitaine" composites and advanced materials technology centre has been working since January 2018 on the SMARTFAN project funded by the European Union (GA: 760779).

This project aims in particular at developing intelligent composites using carbon fibre for automotive or consumer applications.

This project allows CANOE to reinforce its skill in carbon fibre and innovative, recyclable organic composites.

LA FABRIQUE publishes the 8th issue of its "FashionTech Observatory"

La Fabrique, the school for fashion and decoration of the CCI (*chamber of commerce and industry*) Paris Ile-de-France is pleased to send you the [8th issue](#) of its "FashionTech Observatory" - an analysis that offers several perspectives on new trends in fashion and decoration technologies. This tool allows us to maintain a constant watch on current developments and anticipate those of tomorrow. This new issue covers:

- Personalisation, recovery of consumer power
- Sondes Louati Jarraya streamlines made-to-measure thanks to an innovative production concept
- Through the eyes of Valérie Sacriste, sociology researcher, who gives us her opinion on the need for personalisation

KAMITIS publishes a study on smart textiles

The new study from KAMITIS focuses on the market, applications and technologies related to smart textiles. It is available on the KAMITIS website.

To access it, click [here](#).

New from LPMT (*Laboratory of Textile Physics and Mechanics*), University of Haute-Alsace

Firstly, LPMT creates a [Franco-Swiss Textile Research Group](#) between LPMT and EMPA (Switzerland). The result of 10 years of collaboration, the new joint laboratory addresses the theme of smart textiles for health.

Secondly, the laboratory participates in the [GDR TACT](#) "Touch: Analysis, Knowledge, Simulation". The event aims at pooling skills and bringing together academic, hospital and industrial partners around common issues related to touch.

ELKEM SILICONES plans to invest in its Roussillon and Saint-Fons sites

ELKEM SILICONES, specialist in the manufacture of silicones, plans to invest €100 million in Lyon. The aim is to increase its production capacity and consolidate its research and development activities.

A new “Smart Textile” offer from SATAB

SATAB launches its connected ribbons. This world first, which has received four patents, offers a connection between the worlds of textiles and electronics. This complete range of conductive e-ribbons, interfaces, tools and e-braids opens up many possibilities for the fashion, home, industrial, health and packaging sectors.

AIN FIBRES develops a new French fibre: DYNALEN®

AIN FIBRES has developed a new French fibre for technical comfort: DYNALEN®. This fibre is treated in bulk with an antibacterial function thanks to a biocidal substance (silver phosphate glass). It has been developed in partnership with SANITISED®.

DYNALEN® was the subject of a conference during the colloquium organised by the SFIP, CNEP and Sigma Clermont, with the participation of TECHTERA, ELASTOPOLE and SPORALTEC on “Polymeric Materials in the field of Sport and Leisure” in Clermont Ferrand.

DUOO celebrates its third birthday

On Tuesday, April 24, this Lyon start-up celebrated its third birthday at the “Village of Creators”. The event was an opportunity to (re)discover the brand and its new shop. During the day, DUOO gave away one pair of boxers every 10 minutes.

DUOO thanks all participants at the event for supporting its work to protect the “manhood” of men and teenagers.

Click [here](#) to view the full article.

AXEL'ONE inaugurates the AXEL'ONE Campus site

Monday, April 23, 2018 was marked by the inauguration of the Axel'One Campus site on the LyonTech-la Doua grounds in Villeurbanne. After the Axel'One PMI and Axel'One PPI sites, Axel'One is completing its programme with the Axel'One Campus, a centre dedicated to fundamental research.

Before the inauguration, a visit to the various joint projects carried out at the centre was attended by more than 70 participants. Projects concerning tools for poly-condensation, extrusion and characterisation of polymers using NMR (*Nuclear Magnetic Resonance*) were presented in laboratories. Also visited were: metal trace analysis, multifunctional “sol-gel” coatings, 3D printing for health, and homogeneous/heterogeneous catalysis.

Click [here](#) to view the full article.

Calls for Projects

CALLS FOR EUROPEAN AND INTERNATIONAL PROJECTS

Call for projects : BPIfrance/ZIM – France-Germany Partnership in innovation (closing on May 31st, 2018)

More information: <https://www.bpifrance.fr>

Contact: contact@techtera.org

Call for projects : SuperBIO - Creation of biosourced value chains (closing on July 31, 2018)

More information: <http://www.h2020-superbio.eu>

Contact: contact@techtera.org

FAST TRACK TO INNOVATION

More information: <https://ec.europa.eu>

Contact: bmougin@techtera.org

SMEINST

More information: <https://www.eurostars-eureka.eu/about-eurostars>

Contact: bmougin@techtera.org

EUROSTARS

More information: <https://www.eurostars-eureka.eu/about-eurostars>

Contact: bmougin@techtera.org

Financements BPI-ACCIO

More information: <http://www.bpifrance.fr>

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