



## Editorial

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### TECHTERA firmly focused on fashion!

**Excellence in luxury** has been part of TECHTERA's strategy since 2013. After a smooth start, the year 2017 was a turning point with the development of an offer entirely dedicated to fashion and decoration, as well as the intensification of the cluster's actions in several dimensions:

- Emphasize the **excellence of manufacturers whose centre of activity is Fashion & Design** through programmes about trends, and stands to present their skills
- Smooth **links between technical textiles functions and the aesthetics of Fashion & Design** by offering the cluster's members the opportunity to take part in shows in the fashion sector
- Work together on tomorrow's "**smart textiles**" challenges and raise awareness among the general public - and organise a dynamic around this theme!



Photos crédits : ©Avantex Paris

To complement this action, TECHTERA anticipates changes through increasing cooperation with engineering schools and schools for creative manufacturing and fashion. On February 14, 2018, the cluster signed a **memorandum of understanding with ESMOD International** to facilitate a better integration of technological innovations from textiles and flexible materials into the **Fashion & Design** sectors through training. There will be coordination with the **PERFECT** Investment Programme on training and employment in the textile industry - where TECHTERA plays an important part.

# Focus

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## COMPOSITES AUVERGNE-RHONE-ALPES: Inauguration of the Charter of Partner Members during JEC WORLD 2018

**AXELERA, PLASTIPOLIS, VIAMECA** and **TECHTERA** were once again present at JEC WORLD to sign the Composites Auvergne Rhône-Alpes charter.

This charter for Partner Members was launched on **March 7** at the JEC WORLD show and is open to all member organisations of one of the four innovation clusters wishing to invest in planning the communal roadmap and the associated strategies.

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## Our services

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### Smart textiles : one of the key technologies identified by TECHTERA

TECHTERA supports all players in the development of their Smart Textile systems-related activities, by providing its members:

- The accession to the **Club Smart Textiles & Wearables (STeW)**: an innovation group for sharing and collaboration among members
- **Collective actions** on major events to further develop the network, knowledge and exchanges
- **Fibertronics**: French and Japanese scientific think tank on connected fibers, in partnership with 4 Japanese universities

More information [here](#).

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## They are members

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### ART MARTIN

ART MARTIN is an industrial firm **founded in 1856** and is directed by Olivier and Jérôme MARTIN (fifth generation). The first article created was: The **BUSC** (corset closing system, ancestor of the bra), consisting of whalebone and sheep wool.

Today, the company's industrial know-how hinges around two areas:

- **Metal:** ZAMAK (*zinc, aluminium, magnesium, copper*) injection / surface treatment, wire work and metal cutting
- **Flexible materials:** (assembly by gluing and joining soft materials into a belt; shaping flexible materials; assembly & creation by heat-sealing and cutting)

**Website:** [www.art-martin.com/fr](http://www.art-martin.com/fr)

## INFLUTHERM

INFLUTHERM is a bridge between **academic research** and **manufacturers**.

Surrounded by a network of know-how in Lyon, and thanks to its experience, human size and its skills, INFLUTHERM can meet the demands of industry with speed, flexibility and professionalism.

INFLUTHERM is an independent **thermal services company**.

**Website :** <http://influtherm.com>

**They are also members:** [SIMP ORTHO SOLUTIONS](#) | [ENISE](#) | [CTTN IREN](#) | [CERMAV](#) | [BIOMERIEUX](#) | [MONTDOR](#) | [MICHELIN](#) | [BALSAN](#) | [PRIMO1D](#) | [MDB TEXINOV](#) | [JULIEN FAURE](#)

## Our members' news

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### **SOFILETA plays the glamor card by launching a range of sophisticated glossy fabrics with NAIA™, the cellulose yarn**

A little more than one year after the launch of the cellulose yarn **NAIA™**, SOFILETA opens a new page in its history by developing an exclusive range of fine and extra-soft fabrics, with their glamorous finish and **glossy effect**. These products were exhibited during the **Première Vision** trade show between February 13 and 15, 2018.

**Website:** [www.sofileta.com](http://www.sofileta.com)

### **SCHAPPE TECHNIQUES and PORCHER INDUSTRIES nominated for the JEC Innovation Awards**

The JEC Group has announced the thirty finalists for the **JEC Innovation Awards**, divided into ten categories. Among them, are two members of the TECHTERA cluster:

- **SCHAPPE TECHNIQUES** in the Sport & Leisure category with its **First-ever carbon/PEI hockey stick**
- **PORCHER INDUSTRIES** in the Aerospace Process category with its **Full-OoA TP welded primary airframe**

Read full article [here](#)

### **WAIR opens a boutique in the Creators' Village**

On the occasion of the **LALALOVE** weekend, WAIR inaugurates its boutique in the heart of the **Creators' Village**, where we can discover the **first re-designed anti-pollution mask** and the apparel range.

**Website:** [www.wair.fr](http://www.wair.fr)

### **CHEYNET has a new website**

**Creator of the year 2018** at the Interfilère lingerie show in Paris, CHEYNET is putting online a new website to match its growing importance.

**Website:** [www.cheynet.fr](http://www.cheynet.fr)

## **AFELIM organises Printed Electronics Encounters on March 28 (conferences, networking), and on March 29 (Technical Day for Sensors) in Paris**

More or less complex electronic functions, printed or hybrid, made with organic or inorganic materials on flexible or rigid substrates: the easy integration into **intelligent objects** and existing supports, with their good cost/performance ratio, makes this technology very attractive for numerous applications in all sectors (automotive, health, building, logistics, aeronautics, connected objects, etc).

Participants in these Encounters are the decision-makers of large groups, small and medium enterprises, and research laboratories. The themes of the day concern the profession's developmental strategies: **R&D, innovative technologies, applications and market data**. The contributions to this technical day deal with **technological developments in sensors**.

**Website:** [www.rencontreselectroniqueimprimee.com](http://www.rencontreselectroniqueimprimee.com)

## **AJ BIAIS was at the PREMIERE VISION show in Paris**

A fine performance for AJ BIAIS because more than twenty products were selected by the **Première Vision** teams and represented on their various forums.

Printing on bias, the cords and the Tricotine braids were very much admired this year.

**Find the various themes of their new collection in the news section on their website:**  
<http://www.ajbiais.com>

**Website:** [www.ajbiais.com](http://www.ajbiais.com)

## **MEYER-SANSBOEUF wins three awards at the 2018 Mulhouse Industry Challenge**

On February 10, CORDERIE MEYER-SANSBOEUF won three awards for its new packaging project:

- **Technopole Award:** provision of workspace for one year
- **Tuba Award:** support for an urban service project, aimed at the citizen
- **Orange Award:** technical and commercial expertise

**Website:** [www.meyer-sansboeuf.com](http://www.meyer-sansboeuf.com)

## **SONIC BIO-TAPES: a France-Germany project led by ITA**

The SONIC BIO-TAPES project, for innovative **fully biobased hybrid tapes for structural components in lightweight construction** is well on the way!

This project is supported by the Federal Ministry for Economic Affairs and Energy (BMWi), Germany in the **funding scheme "The Central Innovation Programme for SMEs – ZIM"**. This project also received financial support from Bpifrance, the French Public Investment Bank. The SONIC BIO-TAPES innovation project is a priority project in the TECHTERA cluster and has obtained its support.

The ITA would like to thank the BMWi, Bpifrance, TECHTERA and our partners for the support and the great collaboration on this project.

**Find all information about the project by clicking [here](#). The SONIC BIO-TAPES project is a collaboration between ITA (at RWTH Aachen) and companies [SOFILA](#) and [SAFILIN](#).**

# Your appointments with the cluster

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## April 4-5 : SIDO – Cité Internationale, LYON

The **fourth edition** of the biggest showroom in Europe dedicated to the **Internet of Things**, and free for all professionals, will be held on **April 4 & 5, 2018 in Lyon**.

TECHTERA will exhibit **stand Ib-J07**, and will present eight smart textile demonstrations of members of the cluster.

For this 2018 edition, SIDO & TECHTERA offer to help you discover those involved in the Internet of Things through a special members' course at the **SMART TEXTILES & WEARABLES Club**:

- A **specific welcome** by an IoT (*Internet of Things*) expert
- A pre-selection of **skills / exhibitors** to discover in connection with your project
- A pre-selection of **startups** to meet
- A pre-selection of **conferences to attend** according to your needs
- A **VIP Pass** for the two days of the show
- An **invitation to the Afterwork on the Showroom - April 4 from 18:30 to 20:00**

**Contact:** Bruno MOUGIN - [bmougin@techtera.org](mailto:bmougin@techtera.org)

## Calls for Projects

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### CALLS FOR EUROPEAN AND INTERNATIONAL PROJECTS

#### **Appel à projets : SuperBIO - Création de chaînes de valeurs biosourcées (clôture 31 Juillet 2018)**

Plus d'informations : <http://www.h2020-superbio.eu>

Contact : [contact@techtera.org](mailto:contact@techtera.org)

#### **HORIZON 2020**

Différents appels à projets dans lesquels pourraient se positionner le secteur textile.

Plus d'informations : [www.horizon2020.gouv.fr](http://www.horizon2020.gouv.fr)

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