

TEMISnews

ISSUE 47

JUNE - JULY - AUGUST 2015

www.temis.org

B E S A N Ç O N - F R A N C H E - C O M T É - F R A N C E

Editorial

Each and every day, TEMIS continues to establish its reputation as the site of choice for innovative entrepreneurs and high-tech businesses.

It boasts a particularly strong reputation in the medical sector, and the technology park has now become a genuine health innovation ecosystem. Businesses and laboratories join forces to develop innovative medical devices, driven by a determination to improve treatment provision and patient comfort. The latest developments in the sector will be presented at Medtec France 2015, which returns to Besançon for its seventh edition. We are delighted that this major national event, bringing together key players and decision-makers from the medical sector, is once again being held in our region.

TEMIS is also something of a hotbed of expertise in the aeronautics, space and defence sector. In an industry driven by an ambition to produce ever-lighter and ever-smaller technologies, local businesses that have diversified into this market are now finding new opportunities. What's more, this trend is likely to intensify following recent successes in the French military aviation sector.

As well as hosting businesses, TEMIS is also a hub of strategic research resources for the sector. Time-frequency, optics and surface treatments are just some of the specialist scientific fields that are in demand in the aeronautics and space industry.


This year also saw strong attendance from the region's luxury goods businesses at the EPHJ/EPMT watch and jewellery trade show in Geneva in early June. The event was the first time that the "Luxury expertise, know-how and trades in Franche-Comté" exhibition was presented in Switzerland. These areas of expertise can also be found at TEMIS.

Now, more than ever, our technology park has become the cradle of innovation in Franche-Comté, helping to serve the industries and sectors of the future. I have no doubt that the sheer diversity of businesses and organisations at TEMIS, its environment and the expertise that it hosts, will boost the attractiveness of the future combined region.


Jean-Louis Fousseret,
Mayor of Besançon
President of TEMIS and Grand Besançon



Aeronautics, biomedical Made in TEMIS



P2 MEDTEC France
Come and see TEMIS
at Booth B111



P4 Aeronautics and space
expertise at TEMIS



TEMIS
BESANÇON
TECHNOPOLE MICROTECHNIQUE & SCIENTIFIQUE

in brief

BIOSOLVER: a "round optimisation solution" to improve healthcare professional logistics

In 2016, all public and private sector laboratories will need to comply with the ISO 15189 standard. This standard imposes strict obligations in terms of biological sample traceability. Startup For-Age has selected **FEMTO-ST Institute** and the **Besançon Mathematics Laboratory** to develop a "round optimisation solution" in order to calculate optimal routes for couriers, freelance nurses and laboratory sample collectors, reflecting the requirements and obligations that apply to these professionals.

"There are a multitude of requirements, covering aspects such as time restrictions and skills.

We need to consider factors such as point of departure, latest return time and working hours for sample collectors," explains Julien Coupey, research engineer at FEMTO-ST Institute's Automation and Micro-Mechatronics Systems department.

All other things being equal, Biosolver is able to deliver a **30% saving in terms of human resources**, total distance travelled and, therefore, CO₂ emissions.

With the support of BpiFrance and the Regional Council, Biosolver is currently undergoing trials in several biology laboratories, including Biopole 21 in Dijon.



PICOXEA:

Aurea Technology's "all-in-one" time-correlated single photon counting fluorescence detection system

Aurea Technology designs, manufactures and sells a new generation of high performance, compact, rapid and easy-to-use optical measuring instruments, using single photon counting technologies capable of detecting extremely low levels of light. **Aurea Technology** produces single photon counting modules with exceptional **quantum efficiency**, that deliver an exceptionally low dark count rate.

Aurea Technology received the 2015 **Innovation Prize at the CLEO trade show in San José (USA)**, in partnership with the Optical Society of America (OSA) and Laser Focus World magazine, in the Photonic Analysis Instruments category.

Aurea Technology won second prize in 2014 for its Twin Photon Source. In April 2015, it went one better, taking first prize for PicoXea, an integrated time-correlated single photon counting (TCSPC) analyser. This unique product comprises a picosecond laser, a single photon counter and a time-correlated fast processor, providing users with an "all-in-one" and easy-to-use optical analysis tool. **PicoXea** can easily be interfaced with a confocal microscopy system for fluorescence imaging applications in the biomedical analysis sector.

This award recognises Aurea Technology's commitment to innovation and provides an important boost to its international growth strategy.

Johann CUSSEY, Managing Director

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Innovation Days

a key international event for the medtech, biotech and pharma sectors
5 - 06 October 2015 -
Cité Universitaire de Paris

A two-day conference and networking event that focuses on promoting Innovation in Life Sciences. The event will be attended by stakeholders from across the biotechnology sector, including entrepreneurs, startups, academic researchers, pharma, investors, incubators, clusters, public innovation support bodies and opinion-leaders.

THE EVENT WILL INCLUDE:

- a series of original speeches,
- a business convention with targeted appointments made via the "one-to-one business meetings" online platform,
- an Innovation Gallery in the exhibition hall,
- the 6th Innovation Prize award ceremony

Until 31 July, get a special TEMIS 20% discount.
Send an email to quentin.vogel@universalmedica.com after pre-registration.



Find out more:

www.lifescience-outlook.com/innovationdays/



TEMIS NEWS - June-July-August 2015

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