

# FRANCE TECH INSIGHT

French Innovation News for New England  
2009

N°7 - September



Consulate General of France in Boston  
Office for Science and Technology

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## EDITO

Dear Reader,

Welcome to the new season of France Tech Insight. We hope you enjoyed your summer and you are ready for a rich series of our monthly newsletter introducing the latest updates in science and technology innovation in France.

As the aim of FTI is to keep the contact with our closest partners in New-England, we would be more than delighted to receive your suggestions and comments and to answer your questions.

In the news this month you will learn about all of our major programs, and notably the 2009 edition of our flagship conference **French American Innovation Day** (December 3-4, 2009). Moreover, the **Young Entrepreneur Initiative** is launching its 2009-2010 call for proposals... so, if you are an outstanding entrepreneur seeking for development opportunities in France, just apply now !

Eventually, we would like to introduce you today to our new program, **NETVA. The New-England Technology Venture Accelerator**, to be launched in October, will take a group of the most promising French start-ups and accelerate their development in the US through an intensive 2 weeks training and business program in Boston.

This month, our "**Innovation Actor**" is **Altran**, the leading Innovation and technology consulting group in Europe. Altran is a comprehensive consulting company whose subsidiary "Cambridge Consultants" is our partner on the YEI program.

And, like every month, you will find the latest updates in French science, technology and innovation. Check out the new section dedicated to **challenging job offers in France** and Europe. In the following editions of FTI, some emphasis will be put on this.

I wish you a very pleasant reading and I look forward to reading from you shortly.

Sincerely,



Antoine MYNARD  
Attaché for Science and Technology  
[attache-inno.mst@consulfrance-boston.org](mailto:attache-inno.mst@consulfrance-boston.org)

## FAID 2009 - \$300K Scientific Projects Competition



**"Theragnostics and Biology : know how challenges, applications and breakthroughs".**

The 8th edition of the French American Innovation Day (FAID) will be held at the Harvard Medical School on December 3rd 2009. This year, this flagship conference organized by our Office in partnership with [Mérieux Alliance](#), will showcase a **300 K€ Scientific Projects Competition**. The deadline for the call for projects was yesterday : 23 proposals were received. The competition has started ! Regarding the conference, Prof. Mauro Ferrari, deputy chairman of the University of Texas Health Science Center at Houston, is coordinating the american scientific committee together with Prof. Fabien Calvo, scientific director of the [French National Cancer Institute](#). For more information, visit the [FAID 2009 website](#) or [contact us](#).

## The 5th Young Entrepreneurs Initiative Competition is Now Open - Apply by Nov. 29 to Launch Your Venture in France!



YEi invites US based entrepreneurs who are starting or have recently started high-tech ventures with international appeal to participate in its annual competition. The French Embassy and top innovation network partners in France will provide selected candidates with a valuable opportunity to meet potential business partners in France along with ongoing coaching and mentoring. To be eligible the project has to be innovative and the entrepreneur has to be based in the US, no matter his age or citizenship. Successful candidates, apart from being coached, will be granted an organized business trip to France in the first year following their selection. The goal is to help entrepreneurs build a network of partners, accelerate their launch and increase their chances of business development in France. Mentors, service providers, working sessions... a comprehensive individual support will be provided to each laureate both in France and in the US. **The application deadline: November 29, 2009.** Contact: Géraldine Quetin, YEi project manager in the US: +1.617.401.2450, [yei.mst@consulfrance-boston.org](mailto:yei.mst@consulfrance-boston.org). [www.france-science.org/innovation/yei](http://www.france-science.org/innovation/yei)

## NETVA - "Expose French Technology Start-ups to the US Entrepreneurial Culture"



NETVA, for New-England Technology Venture Accelerator, is a new program designed by our office to expose France's most ambitious technology start-ups to the US entrepreneurial culture and accelerate their development in the US. The program will consist in three components : 1/ a 3 day-long preparation session in France, 2/ a 4 week-long US MBA students internship within the French start-ups and 3/ a two weeks intensive entrepreneurship and business development program in Boston. The start-up selection process will start in October 2009... If you are an entrepreneur and think your experience can be beneficial for the NETVA laureates, please don't hesitate to get in touch with Yann Le Beux at [deputy2-inno.mst@consulfrance-boston.org](mailto:deputy2-inno.mst@consulfrance-boston.org)

## Faery and Fiend Entrepreneurship Week



In October, our team in Boston along with the [Institute For Technology Entrepreneurship and Commercialization](#) at Boston University (ITEC), will organize an intensive 10 days business development program for the start-up "Faery and Fiend", winner of the French national student entrepreneurship Competition "[Innovons Ensemble](#)" (let's innovate together). For more information, please [contact us](#).

## Technology and Business Partnerships Opportunities : upcoming French clusters

- System@tic, leading IT and digital media cluster - Nov 16-21. [www.systematic-paris-region.org](http://www.systematic-paris-region.org)
  - Optitech, leading optics and photonics cluster - Nov 30 to Dec 4. [www.popsud.org](http://www.popsud.org)
  - French American Foundation's Green Innovation Tour - Oct 26-31. [www.frenchamerican.org](http://www.frenchamerican.org)
- Meetings with local companies and research labs will be organized. [Contact us](#) for more

information about these business and technology partnerships opportunities.  
Also to be mentioned the presentation at MIT of The European Institute of Innovation and Technology, by Odile Quintin, Director General for DG Education and Culture, European Commission - Oct 13-14. <http://eit.europa.eu/>

### Upcoming Scientific Cafés : Sept. 22 and Oct 15.

For the 2009-2010 season of the scientific cafés ([Café des Sciences de Boston](#)), the informal monthly gathering of the francophile scientific community of the Boston area, we will have the pleasure to invite Mr. Isaac De La Pena, Head of Internet Strategic Initiatives at Nokia, on Sept. 22 and Prof. Jean Pierre Bourguignon, President of the IHES ([Institut des Hautes Etudes Scientifiques](#), Institute for Higher Scientific Studies), on Oct. 15. Check out your e-mailbox in the coming weeks for the invitations.

### Upcoming Events from the French-American Chamber of Commerce



A new and rich season is about to start for the [New-England Chapter of French-American Chamber of Commerce](#). Check out below for their upcoming events and visit their website [www.faccne.org](http://www.faccne.org) or contact [assistant@faccne.org](mailto:assistant@faccne.org) for more information:

- September 17: FACCNE's New Members' event, 6:30-8:00pm, @ Merrill Lynch, Boston
- October 23-25: FACCNE partners with The 2009 French MBA Conference, @Dartmouth College, NH
- October 26: Opportunities for Biotech Companies in the Lyon region, 6:30-9:00pm, @BU School of Management.
- November 5: Taste of France featuring Wines and Food from Bordeaux, 6:00-9:00pm, @Arnold (Prudential Center).
- November 10: Boston Cleantech Venture Day, all day long, place to be determined [www.bostoncleantechventureday.com](http://www.bostoncleantechventureday.com)

And many others to come...

### Last News from the European Commission - Calls for Proposals



The European Commission (DG research) and ERC (European Research Council) launched this month several calls for proposals, in the framework of FP7 all open to partnerships with countries from outside the European Research Area, including the United States. The areas include Energy; Security; Space; Health; Environment (including climate change); Information and Communication Technologies; Nanoscience, Nanotechnologies, Materials and New Production Technologies; Food, Agriculture and Fisheries, and Biotechnology; Socio-Economic Sciences and Humanities; Transport and Cross-disciplinary topics. To learn more, visit the website [EURAXESS Links USA NEWS](#).

### Econovista.com, the Interactive Economic Map of Paris Region



Econovista is an interactive economic map which will help you discover the rich economic, scientific and cultural offerings of the Paris Region. It is a flexible, intuitive, and easy-to-use multimedia tool, bringing quality information on the Paris Region and its economy. [www.econovista.com](http://www.econovista.com)

### GrantsNet : First comprehensive database of funding opportunities

GrantsNet is expanding its listings of some 900 funding programs from private foundations and non-profits to include between 400-500 new entries from the grants.gov site. In addition, there is an International Grants & Fellowship index offering the latest funding opportunities from Europe, Asia and the Americas. For listings, go to [www.grantsnet.org](http://www.grantsnet.org).

### INNOVATION ACTOR OF THE MONTH

**ALTRAN - The European Leader in Innovation and Technology Consulting.**

Created in 1982, the French group Altran operates a global network of consulting firms and is the European leader in innovation & technology consulting.

Altran enables organizations of all sizes to create value and improve bottom lines by delivering tomorrow's solutions today. Their model, using cutting edge knowledge and global networks of experts, nurtures innovation and helps each client improve efficiencies locally and internationally.

Altran serves clients in most industries across three business lines:

- Technology and innovation consulting
- Organization and information systems consulting
- Strategy and management consulting

In 2008, the Group's revenue reached \$2.4 billion with 18,500 professionals serving clients in over 40 countries.

Altran operates in North America through Altran Solutions, Altran Control Solutions, Imagitek and the Prodiagio Software suite, SynecticsWorld, Arthur D. Little, and Cambridge Consultants, with offices in 15 cities, including Boston.

If you are interested in learning about the group and their job opportunities in the US, come meet Gary Goldmuntz at the [2009 MIT Career Fair](#) on September 17th.

For more information, visit [www.altran.com/na](http://www.altran.com/na) or e-mail [sophie.koenig@altran.com](mailto:sophie.koenig@altran.com) or [gary.goldmuntz@altran.com](mailto:gary.goldmuntz@altran.com)

## SPECIAL REPORTS

### **Saint-Gobain Banking on Strategic Partnerships with Startups**

Nova External Venturing, which was created by the Saint-Gobain Group in 2006, is a unit dedicated to setting up strategic partnerships in energy, the environment, and home lighting between the major industrial group and startups around the world...

Read More: <http://www.bulletins-electroniques.com/actualites/60051.htm>

### **PV Alliance or the R & D Solar Power Play**

Building a partnership to ensure all the assets for winning the next solar battle is the goal of PV Alliance, a consortium (est. September 2007) bringing together Photowatt, the incumbent mover and doer of solar power in France, LITEN (the CEA's Laboratory for Innovations in New Energy and Nanomaterial Technologies), the EDF Energies Reparties (EDF ENR)...

Read More: <http://www.bulletins-electroniques.com/actualites/60052.htm>

### **Farine+ Project - A Glimpse at Tomorrow's Breads**

The Farine+ project is especially important because it deals with bread, the staple foodstuff of numerous societies and the outcome of a long agricultural, technological, and gastronomical evolution...

Read More: <http://www.bulletins-electroniques.com/actualites/60053.htm>

### **Engineering a Single Odor-Sensitive Bionose**

The FEMTO-ST Optics Department, a Joint Research Unit partnered with the CNRS brings together about 500 people. At the Department, the Biophotonics Team headed by Professor Tijani Gharbi is working on the development of an amazing bionose that is sensitive to a single odor...

Read More: <http://www.bulletins-electroniques.com/actualites/59797.htm>

### **Bionetwork Banking on Sublingual Galenic Forms**

Professor Francois Allaert is a rare find among academics. About twelve years ago, he created his first business, CEN Biotech, and then created another, CEN Nutriment, which was inaugurated last February....

Read More: <http://www.bulletins-electroniques.com/actualites/59798.htm>

### **An Outstanding Example of Remote Epidemiology Cooperation in Senegal**

RVF or Rift Valley Fever that mainly affects domestic animals, but that may also contaminate humans, causes major socioeconomic problems in African livestock farming areas. This is why the research conducted by the Dakar Centre de Suivi Ecologique (CSE, Ecological Monitoring Center) in Senegal, working with Toulouse-based CNES (French Space Agency) is so important...

Read More: <http://www.bulletins-electroniques.com/actualites/59799.htm>

## INNOVATION NEWS

### **AREVA in Talks for EPR Reactor Deal in Ohio**

AREVA, Duke Energy, and UniStar Nuclear Energy have just announced they are in talks to build an EPR reactor on the first industrial site dedicated to clean energies in the United States. The selected site covering about 3,700 acres and belonging to the US Department of Energy (DoE) is located in Piketon, Ohio...

Read More: <http://www.bulletins-electroniques.com/actualites/59801.htm>

### **Hospital-acquired Infections - 9 Million Euros for the NOSOBIO Program**

Out of the 15 million yearly hospitalizations in France, 750,000 cases are complicated by a nosocomial infection, i.e., a hospital-acquired infection, which is the cause of death of 4,200 people...

Read More: <http://www.bulletins-electroniques.com/actualites/60055.htm>

### **Ateams - The First INRIA Team Created Outside French Borders**

Last June 25, the INRIA Ateams team was officially set up. It is attached to the Lille research center of the public research establishment, but is located at the Centrum Wiskunde & Informatica (CWI) in Amsterdam. The team is special as it is the first set up outside the borders of France...

Read More: <http://www.bulletins-electroniques.com/actualites/60056.htm>

### **High Performance Computing - The Ter@tec Technology Park Operational by mid-2010**

Last June 30 and July 1, more than 600 high performance computing specialists attended the Ter@tec Forum [1] at Ecole Supélec near Paris. During the event the construction of the Ter@tec Technology Park was announced...

Read More: <http://www.bulletins-electroniques.com/actualites/60057.htm>

### **PIANO Project Announcing First Results on the Role of Carbon Monoxide in Plant Defense Responses**

The MPMI (XIVth Congress of the International Society for Molecular Plant-Microbe Interactions) will be held from July 19 to 23, 2009, at the Quebec Convention Center. The event will be bringing together some 900 scientists from all over the world, who are interested in plant and microorganism interaction...

Read More: <http://www.bulletins-electroniques.com/actualites/60058.htm>

### **DREAM - A European Project Developing Food Models**

In terms of composition and structure, foods are very complex objects. However, although scientists have a good grasp of food composition, they know much less about its structure that is decisive for understanding the effect of food on the human body. This explains why researchers need realistic generic models so that the complexity of food structure can be mimed...

Read More: <http://www.bulletins-electroniques.com/actualites/59802.htm>

### **Teaching Surgery Has Entered a New Realm**

Paris based Useful Progress (est. 2003), the technological leader in scanner 3D image processing, has just announced a partnership deal with Paris-based Online Master Class (est. 2006), a innovative publisher of surgery e-learning programs...

Read More: <http://www.bulletins-electroniques.com/actualites/59803.htm>

**LIVE FROM THE LABS**

### **A Breakthrough toward the Industrial Production of Fluorescent Nanodiamonds**

The fate and interactions of fluorescent dyes in cultured cells or in the body can be investigated by coupling fluorescent molecules with proteins or nucleic acids (RNA or DNA). Similarly, fluorescence is used in material science to detect electromagnetic fields, for optic storage or traceability, and specifically to detect counterfeit...

Read More: <http://www.bulletins-electroniques.com/actualites/59804.htm>

### **Poultry Feather Keratin, a Source of New Textile Products**

Developing new textile products from proteins is the goal of the researchers at the INRA Agropolymer Engineering and Emerging Technologies Joint Research Unit of Montpellier (UMR IATE). Granted, nature is rich in proteins...

Read More: <http://www.bulletins-electroniques.com/actualites/59805.htm>

**EDUCATION OUTLOOK**

### **AREVA University Campus Inaugurated at Aix-en-Provence**

AREVA Chairperson of the Board Anne Lauvergeon inaugurated the AREVA University campus in Aix-en-Provence during a ceremony attended by elected officials and customers. This first achievement is a major challenge for the group. The campus, which opened last January, is tasked to host all the engineers and executives recruited by the group throughout the world. Two to three thousand people per year will be enjoying the benefits of an eleven-day professional proficiency course. In-depth classes on AREVA core skills and its fundamental values, where safety and security head the list, will be given.

To date, more than 700 new associates of ten different nationalities have already been hosted on campus where a training team of three full-time trainers and a 'wellspring' of 150 associate in-house trainers has been deployed. The Aix-en-Provence AREVA University campus will gradually be developing a cooperation network with training centers, engineering schools, and universities in southeast France and the Mediterranean Basin. Other projects for setting up campuses on markets with high potential for the AREVA group, such as the Middle East, China, and the United States, are being studied.

For More Information: Patricia Marie and Julien Duperray, AREVA - Phone: +33 (0)1 34 96 12 15

### **EASI, European Training in Aerospace**

No European country can remain the single stakeholder in the field of aerospace. Actually, public agencies and companies are increasingly European. Accordingly, ECATA (European Consortium on Advanced Training in Aerospace) academic partners, [1] including the National Higher Education Institute for Aerospace of Toulouse, among others, and Prague CTU University have decided to set up a European aerospace course, with a view to gradually establishing integrated European education in this field. In September 2010, a new program called EASI (European Aerospace Institute) will be available. 100 to 120 students at 8 European Universities will be eligible to attend a European Master's course in Aerospace. When the course is over, the students of the EASI master's will receive their degree from their own university as well as a European Certificate delivered by the 8 partners.

More Info: EASI - Patrick Gousseau - Phone: +33 (0)6 88 82 24 53 - Virginie Kierzkowska -

### **Call for Applications: Post-doc fellowships and undergraduate summer internships at the Institut Pasteur, Paris**

Three-year post-doc fellowships are offered to American post-doctoral scientists wishing to pursue research at the Institut Pasteur in Paris. In addition, 10-week undergraduate summer internships at the Institut Pasteur offer hands-on laboratory experience to students contemplating a scientific career. Open to US citizens. Deadline for post-doc fellowship applications: September 11th, 2009. Deadline for internship applications: December 18, 2009. [Website](#) or [Facebook](#) or [LinkedIn](#) or [Twitter](#)

### **EMBO Life Sciences Mobility Portal**

The European Molecular Biology Organization's Life Sciences Mobility Portal has a list of current job postings in life sciences at institutions around Europe, such as Max Planck, CNRS, EMBL, and many universities. For the latest vacancies, [check the website](#).

### **The European Commission is recruiting 2 Senior officials in the Joint Research Centre**

1. Deputy Director General from the EU Member States. Deadline to apply: September 11th, 2009. The position is in Brussels. [Learn more \(pdf\)](#).
2. Director of the Ispra Site Directorate from the following Member States: Bulgaria, Czech Republic, Latvia, Lithuania, Malta, Poland, Romania and Slovak Republic. Deadline to apply: September 15th, 2009. The position is in Ispra, Italy. [Learn more \(pdf\)](#).

### **Junior Group Leader in Molecular Genetics, Ecole Normale Supérieure, Paris**

Applications from outstanding investigators are invited for a Junior Group Leader position in the Department of Biology of the Ecole Normale Supérieure of Paris. The appointed person will lead an independent research group in an excellent and stimulating scientific environment. S/he will develop cutting-edge research in the field of plant biology with particular emphasis on chromatin-level control in response to stress. A strong research project based on molecular genetic and epigenomic approaches and complementary to existing topics in [the department](#) (genetics, epigenetics, genomics, development, cell biology, evolution, ecology) is preferred. Deadline for applications: October 30th. [Learn more](#).

### **TOTAL is recruiting researchers in biotechnology**

TOTAL is currently looking for several researchers who will work with partner laboratories, in Europe and in the US, within the scope of joint research projects on the themes "deconstruction of lignocelluloses," "feedstocks" and "algae." [Learn more](#) about these opportunities.

### **Post-doc position at the INCa (Institut National du Cancer), Toulouse**

A post-doctoral position is available for two years starting in October 2009. The position is funded by the INCa (Institut National du Cancer). The work will be carried out at the IPBS (Institut de Pharmacologie et de Biologie Structurale-Toulouse) within the "Genetic instability and transcriptional regulation" team. [Learn more](#) about this position.

### **AIDS VACCINE 2009**

From October 19 to 22, 2009, AIDS VACCINE 2009, the latest session of the most important international conference on HIV-Aids, will be held in Paris. Co-organized by Global HIV Vaccine Enterprise and Agence Nationale de Recherches (national research agency) on Aids and Viral Hepatitis (ANRS), the conference will be chaired by Professor Jean-Francois Delfraissy, and co-chaired by Professor Françoise Barre-Sinoussi, 2008 Nobel Medicine Laureate, and Professor Yves Levy. The most recent results of the research conducted worldwide on the HIV vaccine will be presented. More than 400 studies will be presented and discussed by more than 1,000 participants from the five continents.

More Info: AIDS VACCINE 2009 - <http://www.hivaccineenterprise.org/conference/2009/index.aspx> - Frederique Impennati, Charles Cuq, Michelle Spuhler - Phone: +33 (0)1 56 81 15 00 -  
email: [presse.aidsvaccine2009@ruderfinn.fr](mailto:presse.aidsvaccine2009@ruderfinn.fr)

## **Aerosolutions 2009 - New Opening on the Space and Defense Markets**

On December 1 and 2, 2009, Aerosolutions 2009, the major international business event in the Aerospace and Defense industry, will be held in Bordeaux. The fifth biennial show will feature three types of events: a business convention with prescheduled meetings, plenary conferences addressing current market issues (the environment, investments in the defense sector, and so on), and technical workshops facilitated by prime contractors (technologies in space, drones, and so on). The 'Technologies and Outlooks' competition that was created at Aerosolutions 2007 is open to all customers registered for the 2009 event. The purpose of the competition is to enhance the technical achievements, equipment, materials, services and products with an innovative quality or original improvement in the aerospace, defense, optics, and laser industries.

More Info: Aerosolutions 2009 - <http://www.aerosolutions-bordeaux.com>

### **Acknowledgments**

A large part of the scientific content included in the France Tech Insight is produced by our partner in France, the Agency for the Diffusion of Technological Information (ADIT). For more information, please visit its website.



**Thank you for reading, please feel free to give us your feedback and suggestions at [deputy2-inno.mst@consulfrance-boston.org](mailto:deputy2-inno.mst@consulfrance-boston.org)**



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