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French Innovation News for New England
2009

N°8 - October



Consulate General of France in Boston
Office for Science and Technology

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EDITO

Dear Reader,

Welcome to the October Issue of France Tech Insight, presenting the last updates from the Office for Science and Technology of French Consulate in Boston.

All lot to say in the news this month.

First of all, we would like to introduce our new team member, Lynda Inséqué, Deputy Scientific Attachée in charge of the Technology Transfers programs, notably the [Technology Transfers Professionals Exchange](#) and the upcoming [French American Innovation Day](#). Feel free to get in touch with her at deputy-inno.mst@consulfrance-boston.org.

Please also read carefully through our comprehensive news section of this month, there will be a **lot of events to attend**, a lot to learn and thus a lot of partnership opportunities. We will notably organize the **10 days business development program** for the two winners of the French National Business Plan Competition "[Innovons Ensemble](#)".

Our "Innovation Actor of the month" is **Dassault Systemes**, the sixth largest software company in the world and global leader of 3D product lifecycle management.

And, like every month, you will find the latest updates in French science, technology and innovation.

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

Sincerely,



Antoine MYNARD
Attaché for Science and Technology
attache-inno.mst@consulfrance-boston.org

FAID 2009 Conference + \$300K Scientific Projects Competition



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

8th edition of the French American Innovation Day (FAID), Dec 3-4, Harvard Medical School. The online registration will be shortly available on the [FAID 2009 website](#). Our partner this year, Mérieux Alliance, provides a large support to the event, which brings him back visibility and access to high-end innovation projects. If your company may be interested in supporting the next edition of the FAID, please contact Lynda Inséqué at deputy-inno.mst@consulfrance-boston.org.

The New Edition of the Young Entrepreneurs Initiative Competition - Apply by Nov 29 to Launch Your Venture in France!



The French Embassy and top innovation network partners in France will provide selected candidates with connections with potential business and technology partners in France along with ongoing coaching and mentoring. Successful candidates, will be granted an organized business trip to France in the first year following their selection. **Application deadline: Nov 29, 2009.** Contact: Géraldine Quetin, YEI project manager in the US: +1.617.401.2450, yei.mst@consulfrance-boston.org - www.france-science.org/innovation/yei

10 Days of Business Development in Boston for the Two Winners of the National Business Plan Competition "Innovons Ensemble"



From October 18 to 28, the Office for Science and Technology of the French Consulate, in collaboration with the [Institute For Technology Entrepreneurship and Commercialization](#) at Boston University (ITEC) and other partners, will organize an intensive 10 days business development program for the high-tech music instrument start-up "Faery and Fiend", winner of the French national entrepreneurship Competition "[Innovons Ensemble](#)". For more information, please contact Yann Le Beux at deputy2-inno.mst@consulfrance-boston.org

Introducing the New European Institute of Innovation and Technology - Oct 14 - MIT Stata Center



Presentation by Odile Quintin, European Commission Director General for Education and Culture, Introduction by Claude Canizares, MIT Vice President for Research and Associate Provost, reception following, Oct 14, 5pm - 6:45pm, Stata Center, Room 32-144. Please RSVP at mit.edu/misti.



Two High Level Events Initiated by Lyon Cluster's Organizations



1) Developing European-American Biotech Ventures. Proposed by the Economic Development Agency of Lyon ([ADERLY](#)) and the French American Chamber of Commerce of Boston ([FACCNE](#)). Monday, October 26, 2009, 6pm-9pm, BU School of Management - 595 Commonwealth Avenue, Boston. Details and RSVP: www.faccne.org



2) Therapeutics Proteins, including Monoclonal Antibodies: New Challenges. "French American Scientific Track", organized by [Lyon Biopole Cluster](#) in collaboration with [Hubtech21](#) and the [FACCNE](#). Speakers from US and Europe will share their expertise on the topic. Tuesday, October 27th, 5.30pm - 7.30pm, The Roscoe Brady lecture Hall, Genzyme Center, 500 Kendall Street, Cambridge. RSVP mandatory with full name, company, title and address at Hubtech21@hubtech21.com

Meeting in Paris with the French Technology Transfer community



In 2007 an exchange program between French and American technology transfer managers has been launched by the Office for Science and Technology of the French consulate in Boston. You can find more information on the website, www.tt-fellow-exchange.org. After 2 years of successful experiences, a feedback event is organized in Paris gathering all the participants and the French technology transfer community. This event is free and will be a tremendous opportunity to network with your French Tech Transfers counterparts. November 13, Paris. If you'd like to join, please contact Lynda Inséqué at deputy-inno.mst@consulfrance-boston.org.

Breakfast Event: Open source and Value Creation: Best Practices in the French Market - October 27, 8-9am

 This event presented by the Paris Region Economic Development Agency,  will feature its Business Software Director Marie Buhot-Launay, Alan Facey, Executive Vice President International for Black Duck and David Cloyd, General Manager Americas for Nuxeo Corp. Oct 27, 8am-9am, at Hubtech21, One Broadway in Cambridge, 14th floor. RSVP at mbuhotlaunay@paris-region.com. The event is free of charge. For more info, please visit www.hubtech21.com.

8th Annual French MBA conference - Oct 23-24 - Dartmouth University

For the second year in a row, the FACCNE and ADERLY are the sponsors of the French MBA Conference 2009 which will take place at the Tuck School of Management of Dartmouth University. Continuing the tradition of exceptional speakers, discussions and networking of past conferences, the theme for this year's conference will be: Opportunities in the New Economic Era. For more information, visit <http://mba.tuck.dartmouth.edu>

More Upcoming Events from the French-American Chamber of Commerce



- 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

For more information, visit the FACCNE website www.faccne.org or contact assistant@faccne.org

Two Leading French Clusters in Boston to develop partnerships

- **System@tic**, leading IT and digital media cluster - Nov 16-21. www.systematic-paris-region.org
 - **Optitech**, leading optics and photonics cluster - Nov 30 to Dec 4. www.popsud.org
- Meetings with local companies and research labs will be organized. [Contact us](#) for more information about these business and technology partnerships opportunities.

The MOITI International Economic Development Tour of Massachusetts



From Wednesday Oct 7 to Friday Oct 9, the Massachusetts Office of International Trade & Investment (MOITI) has organized specifically for its global partners a very enriching tour of the outside-Boston technological and economic potential. For more information about MOITI and its outstanding support for international companies, please contact Ted Carr at Ted.Carr@state.ma.us



Dassault Systemes, leading the 3D enterprise software industry!

In today's industrial world, the unbridled imagination of engineers, designers, as well as end-customers, generates innovations allowing companies to imagine products and services that consumers will adopt for years to come. 3D design software makes it possible for users to create any type or shape of objects very intuitively, like manipulating clay. When such tools become intrinsically collaborative, they open ways to exciting new realms of the imagination, ushering in "co-innovation". This revolution affects not only product design, but also more broadly the entire manufacturing process, spanning production, maintenance and recycling. A huge number of incredibly varied products are created using 3D design and simulation software, everything from shampoo bottles to satellites, from planes and cars to cell phones, and even the Guggenheim Museum in Bilbao, Spain. Before they emerged in the physical world, all these products had a virtual existence with a perfectly faithful 3D representation. These virtual representations make it possible to imagine and share design and production processes, to simulate and anticipate problems, to manage resources and much more, before making any actual physical model.

Recognized a few years ago as one of the "**Hidden Champions of Europe**" by BusinessWeek magazine, Dassault Systèmes is one of the largest software companies in the world and is headquartered in Paris. Its vision is to provide software solutions that allow creators, collaborators and consumers to imagine, share and experience in 3D. From the car you drove today to every single airplane flying overhead, to cell phones, tennis shoes and soft drink bottles, you cannot go through the day without seeing, touching, or using something created with Dassault Systèmes software. With 100,000 customers worldwide, an annual revenue of 2B USD, 8000 employees, an ecosystem of more than 6000 partners (Education, Software, Channel, Academics) Dassault Systèmes is the leader of 3D Product Lifecycle Management. It has three large locations in New England: Lowell, Concord and Providence.

Thank you very much to **Yannick Wittner**, Director of Strategic Alliances and Market Intelligence at Dassault Systemes for these thoughts and insights on the 3D software industry. Don't hesitate to contact him at Yannick.wittner@3ds.com or to visit www.3ds.com for more information.

What Role Does Hormonal Regulation Play in Sensory Perception and Eating Behavior?

Marie-Chantal Canivenc-Lavier worked on 'endocrine disrupters and cancer' for a long time within the INRA Nutritional Toxicology team, which was dissolved on January 1, 2007 during the streamlining of the public research organization.

Read More: <http://www.bulletins-electroniques.com/actualites/60663.htm>

The Rhone River - A Unique Ecological Observatory

The Rhone River was long considered untamable due to its power, complex hydrological regime and flash floods. However, it has quieted down since the 19th century, thanks to numerous development projects.

Read More: <http://www.bulletins-electroniques.com/actualites/60664.htm>

LESSAC - An Appealing Experimental Economic Tool for Industry Operators

Among France's six experimental laboratories, LESSAC (Laboratoire d'Experimentation en Sciences Sociales et Analyses des Comportements, Experimental Laboratory in Social Sciences and Behavior Analysis) is one of the world's largest.

Read More: <http://www.bulletins-electroniques.com/actualites/60665.htm>

CAPARMOR Supercalculator for Oceanography

Until the eighties, oceanography was mainly descriptive to meet societal demand. It has gradually become increasingly predictive. To meet this challenge, it is increasingly using modeling techniques that, when combined with huge computing power, finds a rising number of fields of application.

Read More: <http://www.bulletins-electroniques.com/actualites/60671.htm>

INNOVATION NEWS

ParisTech Entrepreneurs Providing Development Leverage for the Capital

The new incubator called ParisTech Entrepreneurs that has just been inaugurated has set a goal of increasing business creation in Paris over the next years. By 2014, eighty creators of 'young shoots' will be enjoying premises and services and drawing on a capital of expertise and experience available at the new Paris facility.

Read More: <http://www.bulletins-electroniques.com/actualites/60666.htm>

First Database on Food Polyphenols Now Online

Polyphenols are the natural antioxidants the most widely found in human food, mainly fruit and vegetables. Polyphenols help prevent cardiovascular and neurodegenerative diseases, diabetes, osteoporosis, and cancers. According to certain estimates, we consume the equivalent of one gram a day, i.e., 10 times more than vitamin C.

Read More: <http://www.bulletins-electroniques.com/actualites/60667.htm>

The Efficiency of a Mini-robot for Laparoscopic Surgery

Laparoscopic surgery is a technique using a miniature camera to perform a small incision. With the marketing of ViKY, which has received EC marking for the Europe zone and FDA approval, laparoscopic surgery has gone on to the next stage.

Read More: <http://www.bulletins-electroniques.com/actualites/60668.htm>

LIVE FROM THE LABS

Nanodrops for Bioactive Molecule Synthesis and Screening

Thanks to the automation and miniaturization of bioactive molecule production, large-scale research on this type of compound has boomed over the past decade. Today the pharmaceutical industry's high-speed screening on 96, 384, or 1536-well micro-panels can reduce the volume of reactants required for a measurement to several microliters.

Read More: <http://www.bulletins-electroniques.com/actualites/60669.htm>

Increasingly Smaller Microcameras

Although microcameras built into today's marketed portable cellular phones have made huge advances, their processing capabilities are still limited. Depending on resolution, they have fixed a focal length lens or an auto focus system with few pixels and no processing devices. It is easy to see why the MINALOGIC competitive cluster's Minimage project is so promising.

Read More: <http://www.bulletins-electroniques.com/actualites/60670.htm>

CHALLENGING JOBS IN FRANCE

Post-doc in cell biology/biochemistry (Inserm, Montpellier)

A 4-year postdoctoral position, funded by the FP7 EU program ADIPOA, will be available on January 2010 at the Inserm unit headed by C. Jorgensen and located in Montpellier, France. The candidate will set up animal models for OA and cartilage disease, cellular biology using progenitor cells, mesenchymal cells or adipose-derived stem cells, as well as molecular biology. The successful candidate will have a solid experience in cell biology, biochemistry techniques and animal models. Authorization to conduct in vivo experiments is required. Applications, including a short letter of motivation for carrying out this project, a CV, list of publications and names for two references should be sent by e-mail to: christian.jorgensen@inserm.fr or daniele.noel@inserm.fr. More [information](#).

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](#).

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.

EVENTS IN FRANCE

5th Competitiveness Clusters Forum - Nov 5 & 6

 The Fondation Sophia Antipolis is organising the fifth edition of the Competitiveness Cluster Forum that attracts representatives from the French competitiveness poles, clusters and international similar organisations. This year topic is "world class clusters: an innovation strategy". For more information please visit www.sophia-antipolis.org.

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.

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

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.

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

Stratospheric Aircrafts: the PEGASE Competitive Cluster Organizing the European STRATOFLIGHT Convention

Next October 20 & 21, the PEGASE competitive cluster partnered with the HACOS networks is organizing STRATOFLIGHT, the first European Business Convention on Opportunities and Challenges of Stratospheric Aircrafts.

More Info: <http://www.bulletins-electroniques.com/actualites/60672.htm>

Populations and their Energy Consumption in 2200!

On October 6, 2009, the Academy of Science is holding a conference called 'Populations and their Energy Consumption in 2200 - What Outlooks? What Environment? What Medium and Long-term Actions', at the Institut de France.

More Info: <http://www.bulletins-electroniques.com/actualites/60673.htm>

Acknowledgments

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