Prize ITER France

During the awards ceremony on the 1st February 2014, chaired by Philippe Bocchi, Dean of the Faculty of Law and Political Science, Bordeaux II and praised to award the ITER France prize for the valorization of the masters in the organizations journalists and communication creator of journalism. It was awarded to Emmanuel Guillin, laureate of 2008, ITER France and the University of Aix-Marseille in close cooperation, examining within the framework of a landing agreements covering three areas: inter-cultural language teaching, law and communication.

Eurofusion:

A new hat for Jérôme Paméla

This is more than just a new cap. Eurofusion, which replaces EFDA, in a new constitution involving all European laboratories. It is prepared in being set up with the aim to coordinate fusion research programs in Europe. While pursuing his mission as Director of Agence Iter France, since February Jérôme Paméla has also been acting as Chairman of Directors alongside Adolfo Günter, Director of IFM-GEANT (Germany), with all the European Fusion research laboratories, in order to instruct the program to meet the challenges which accompany the implementation of ITER at Aix-Marseille, the largest international, and other European laboratories including the world's largest platform in Cadarache (in Cézembre), essential elements which contribute effectively to the preparation of the ITER project. For now we must also start designing a fusion demonstration plant, the DEMO machine, a successor in ITER. Finally, we are now moving to a generation of physicists and engineers who will operate ITER and construct the DEMO. These are key areas for the next European research ecosystem. It again, which will stimulate the organization of fusion research in Europe. explains Pamela Jerome, who managed the EGP program from 2000 to 2006 and Délia from 2006 to 2009. ■

European Fusion Development Agreement

At the awards ceremony, on the 1st February 2014, and also in the presence of the Prime Minister, representatives of the ITER consortium including the European laboratories, the ITER France, and the University of Aix-Marseille in close cooperation, examining within the framework of a landing agreements covering three areas: inter-cultural language teaching, law and communication.

United Nations Conference in Lyon

For three days, from 3rd to 5th February, 2014, students from around the world tried to simulate a real UN conference in Lyon. Among these there were twelve students from the International Promotion: Alpine-Liége Aix-Marseille University (EPIRAL) who assumed the role of ambassadors, diplomats or supporting ministers, in turn, speeches, commision work, negotiations and summary drafting. In English. Based on the presence of the regional council, the twenty-two international institutions who participated represented up members of the United Nations. This year, the conference, which was called YOUNION (International Lyon Model United Nations) focused on Africa, especially the crisis in the Sahel. It is a model United Nations Club that models the UN children, the students propose solutions to global issues as they play the role of delegates representing a country », explains Marie Labrosse, in charge of press relations.

Aix-Marseille and ITER Join Forces

On February 20th 2014, Yves Berland, President of Aix-Marseille University and Diana Motloumy, CEO of the ITER Organization signed a cooperation agreement for scientific and technical fields. For both organizations, the aims to read their regional commitments to provide an academic framework and to promote exchanges in the fields of science and technology, law and human rights. For Yves Berland, who has already signed a partnership agreement with ITER in 2008, with key regional institutions (CEA, ITER France, EDF, Eurocopter...), it is also a way to announce the world of research and industry work together on common issues. Among others, the Joint has decided to conduct the nuclear liability of fusion facilities, co-directed by Claire Pater for three years, to establish a new alliance, as the organization of the annual ITER International Summer School. The last edition was held in Sandunder (India) in December 2002 and the next will be held in Aix-Provence in August.

Industrial Meetings in Korea: Scheduled for July

A delegation of European companies will visit the Republic of Korea from 2nd to 4th July 2014 in Seoul. Organized by the Korean Domestic Agency with the participation of the ITER Organization, these meetings will be organized by the ITER Korea team in co-operation with ITER France and in close contact with ITER Korea.

Fusion for Energy and the ITER Industrial Committee (IIA) these meetings involve a conference, business meetings and a program of visits (KSTAR research facility and industrial sites).

ITER site: leasehold modification

Further to ITER Organization’s request for an extension to their lease in France (Cadarache), these modifications involve the renewal of the lease contract, as well as an extension of the area where works are to be carried out. The ITER Organization, together with ITER France, have made a number of changes to the requirements in the area to which the ITER site, and accordingly to the ITER. Article 1 of the lease states: ‘The area is for the benefit of the ITER site, as stipulated by the national safety authority. The preservation of natural areas in accordance with the decree of March 2nd, 2009, part of the ITER site’s obligations and safety and environmental reasons to compensate for land clearance operations.’

School visits Monday to Friday!

Discover the scientific challenges and socio-economic boulevardry of the facility. friendly, with visits organized throughout the year by ITER France.

The project is in addition to the natural history school visits organized throughout the year by ITER France. The competition: ITER France is offering local students the opportunity to expand their knowledge in a fun and educational way. This approach also reinforces the concerns of teachers in the field of biodiversity, namely Marie Affrines, in charge of developing the project within Agence ITER France as part of her apprenticeship. The Arborium contest is organized in two steps: the first is based on an educational workshop which will allow students to compose a report describing the biodiversity in their daily environment (school, town, department), and the second will be a direct competition between the three finalists, held on the 10th June 2014, on the biodiversity trial in Cadarache. This trial will be conducted in the heart of the forest of Cadarache. As another tree in the issue of the insects which eat the wood. Further along, one can admire the interior design of the tree-y and another there the discovery of the wonderful abundance of wildlife at the foot of several hundred years old sometimes abandoned, from Mediterranean to deciduous forests, insects and birds sounds are all useful clues to solving the Arborium puzzles.
According to INSEE, industries in Provence have withstood the recent economic crisis better than anywhere else in France. However, locating the demand for qualified employees in the fields of construction and civil works, in this area, and in the field of science, forecasting the job market’s future requirements is essential in order to meet the needs of large research facilities such as CEA and ITER in Cadarache.

As a higher education institution, in its various academic units INSTN provides training for technicians and is available for all levels of qualification, ranging from operator to researcher. At its teaching unit in Cadarache INSTN provides training for technicians and high-level scientists and engineers who can specialize in programs on plasma physics, fusion and energy at facilities like the megajoule Laser near Bordeaux and ITER, high-level scientists and engineers who can specialize in programs on plasma physics, fusion and energy at facilities like the megajoule Laser near Bordeaux and ITER, and also in the physics and astrophysics laboratories of universities, engineering schools and government agencies (CEA or CNRS).

In this area, and in the field of science, forecasting the job market’s future requirements is essential in order to meet the needs of large research facilities such as CEA and ITER in Cadarache.

Training OPPORTUNITIES

For the ITER project, one of the first tasks of the Job Center involved training 24 scraper drivers in 2008 through a partnership between the companies Vaconis and Adexis and the ANPE. « Among 2007 and 2008, 350 job seekers have benefited from vocational training (ATP) in various fields such as construction vehicle driver, professional road and network construction, drainage network or fermeunier, explains Pascal Sarrail, in charge of the ITER Job Center which continues its training today. »

According to the company, for their part, there are also getting organized to accompany and identify the professional strengths of their future recruits. « During the study of the training needs, the profiles of each of them to identify the tasks that allow to adapt to the diverse areas of activity on a level of their job and to address complex issues. Under these conditions, a contract of indefinite duration is proposed at the end of their internship, which allows us to continue their training directly through apprenticeship and, explains Capucine, a service company for ITER, specialized in the design of electrical networks (see below), in this way, enrolled twenty engineers, all currently employed, filling in demand for these positions. »

Secondly, in order to meet the needs of ITER and also of all our other customers, we have decided to recruit engineers who, during their internship with us, will benefit from the expertise of our specialists and in particular the constructive experience of our skilled workers in order to be able to work on all our projects, whether it be in working on very heavy equipment or in the design and supervision of projects.»

Information PORTAL FOR BEGINNERS

Specialized in the field of electrical networks and the dynamic behavior of energy systems, in September 2009 CAPHEM entered into a framework agreement with ITER for simulation and technical assistance work for the electrical network of the ITER project. On one hand, this contact concerns the electricity network to supply the tokamak facilities, and on the other hand, the pulsed network which will supply the energy necessary to create the magnetic fields and control the fusion reaction within the machine.

The Paul Employment Association, for its part, is mostly working in the field of student recruitment, providing a specific program. « We welcome people with work experience or willing to work professionally and quickly, explains Sylvie Renverdale, Career Adviser at the Paul Employment association, whose aim is to boost the employment rate of the municipality of Saint-Paul-lez-Durance. As part of its mission, the association can establish a skills analysis which, depending on the profile of the candidate, can lead to a new career orientation or professional training via the Job Center. « In the context of an in-depth interview, we can complete a job reference the skills, qualities, professional activities and interests of the candidate, which can be very important towards workers that would not yet have automatically come to mind ». Equipped with this software since early February, the association aims to offer job seekers on the Durance-Verdon basin, which includes the municipalities of Saint-Paul-lez-Durance, Vénasque-Verdon, Grassonas, Joanet, Mirande and the Pays d’Uchaux district, the opportunity for information and assistance in career development. This offer of initial or supplementary training spans engineering, vocational training (AFPA) in various fields such as construction vehicle driver, professional road and network construction, drainage network or fermeunier. « Operating modes, test programs, « Operating modes, test programs, three-dimensional data to reconstruct “As Built” computer-aided design models (3D CAD) from point clouds and to generate a platform for interactive visualization in the manner of a Google Map for example. This tool, which will be used by all ITER partners, has « job » viewing and when browsing you can add annotations and take measurements with one millimeter accuracy. Working on assistance for project management, engineering and site coordination in the field of nuclear and renewable, three years ago the company set up a tutoring and accompanying program with several schools specialized in nuclear training, such as the regional university polytechnic institute, the higher trades school and the Joseph Fourier university offering at ITER Master (specifically designed to meet the industrial needs of ITER’s competitors in the field of nuclear and renewable). Depending on the contracts won by Arkadia, the profiles vary from study technician, chief project engineer, method technician, test equipment and records technician to surveys.»