

EDITO



We cannot deny the fact, we cannot talk of success – the result of our fundraising is not sufficient to meet the challenges facing our School. I am talking of course of the Alumni Fund which relies on the generosity of former students to finance projects and Excellence scholarships for future students of IFP School. The School is partly to blame for this and we must strive to improve our communication. But I am sure that in the end we will manage to converge our efforts to create a real dynamism. Why? Because I am convinced that strong values unite our alumni community, one of which, high on the list, is solidarity.

Indeed IFP School has recently initiated a think tank to establish what we believe to be the values that are specific to our School, values that we wish to pass on to our students. I am convinced that these common values are an asset and a powerful force in a world that is constantly changing and which, in many respects, has lost its traditional points of reference. Do not hesitate to send us your suggestions on this issue at alumni@ifp-school.com!

Our outward-looking attitude to the world, to others, to different cultures is, in my opinion, also one of our fundamental values. This can be easily illustrated by the article in this newsletter on the graduation ceremony of the first class of the Master in Oil and Gas Surface Facilities which is run in Saudi Arabia in collaboration with King Fahd University of Petroleum and Minerals and with the backing of Saudi Aramco.

As you read on, many of you will notice that competitive spirit is also one of the values that prevails amongst our students. The event organized by the IFP School SPE Student Chapter to mark the 30th anniversary of SPE France was in the form of a competition, at the same time fun and serious, between the various student chapters in France, reinforcing the ties that link them. Even more symbolic is the fact that a team of IFP School students competing against 26 European engineering schools and universities has won the Imperial Barrel Award (IBA) Europe and has been selected for the final of the international challenge. And the School's young competitors have also won fame in sailing by winning the second round of the French Students Cup!
With all this we can surely remain optimistic for the future!

Happy reading!

Philippe Pinchon
Dean
IFP School

BRIEF

Results of the Alumni Fund 2013

In 2012 IFP School and the Tuck Foundation launched an annual fund calling upon former students to give their support to the School's development projects. In April 2013, IFP School started a fundraising campaign for the second year of the Alumni Fund to enable the Tuck Foundation to finance Excellence scholarships for international students admitted to the School.

Throughout the year we received marks of confidence and support for this initiative from our alumni. Thanks to the commitment of nearly 150 donors we managed to raise almost 50 000 Euros during the year, similar to the amount raised the previous year.



Thanks to the donations of our graduates, the Tuck Foundation awarded three Excellence scholarships to international students of the 2013-2014 Class from Greece, India and Portugal.

These donations enabled the Tuck Foundation to award three Excellence scholarships to international students from Greece, India and Portugal who joined the School in September 2013 (2013-2014 Class). This aid, which gives them the possibility to study in the best possible conditions, helps to enhance the appeal of the School.

"Thanks to the generosity of all, despite the difficult economic times, we can be proud of the support given to the School by former students," said Philippe Pinchon, Dean of IFP School.

IFP School was able once again to rely on the loyalty of its graduates. Indeed, over half of the donors who supported the launch of the 2012 Alumni Fund decided to renew their donations and to support the talented students of IFP School. The IFP School Alumni Association has also worked closely with us since the launching of the Alumni Fund and many of the donations come from active members of the Association.

"We are extremely grateful to all the donors and very much appreciate this act of solidarity. However, I am surprised that so few alumni choose to donate, compared to the number of students who graduate from the School," said Jean-Christophe Flèche, Director for Development at IFP School. "Maybe we lacked clarity or persuasion in exposing our need for further resources to develop new projects. We therefore need to explain our ambitions more clearly and improve our communication, for the support of our alumni is essential for the School to continue its pursuit of dynamism and development," he added.

Projects for 2014

So the fundraising goes on! In 2014, IFP School and the Tuck Foundation hope to motivate more alumni to join forces.

Two projects will be proposed for graduates to give their support through the Alumni Fund:

- we will continue to raise funds for the **Excellence scholarships** as this is a key element in enhancing the appeal of the School
- in addition, in order to retain our benchmark position as the School that prepares for professions in energy and transport, IFP School wishes to develop more **innovative and creative teaching tools**. We have therefore decided to launch a large-scale project: our first Massive Open Online Course (MOOC), in French "*cours en ligne ouverts et massifs*" (CLOM). Through this project, the School hopes that the alumni will enable us to develop e-learning programs and support faculty members in these new teaching approaches.

How can I make a donation to the Alumni Fund?

You can support the development of IFP School through the Alumni Fund by making [a donation by cheque, by bank transfer or on-line by credit card](#). Just log onto the [Alumni](#) site using your lifetime e-mail address, written: surname.firstname.classyear@ifp-school.com. Donations should be made out to the Tuck Foundation.

We remind you that donations to a foundation give you the right to significant tax breaks if you pay income tax in France or in some European countries.

FOCUS

1st Class of the "Oil and Gas Surface Facilities" program in Saudi Arabia

21 students of the 1st session of the "Oil and Gas Surface Facilities" Master program (OGSF) were awarded a degree on 5 January 2014 at King Fahd University of Petroleum and Minerals (KFUPM), in Saudi Arabia.

The graduation ceremony took place in the presence of Khalid Al-Falih, CEO of Saudi Aramco, Olivier Appert, CEO of IFP Energies nouvelles and Jean-Luc Karnik, CEO of IFP Training.

It is the first academic partnership between a Saudi Arabian university and a foreign institution to receive accreditation from the Saudi Arabian Ministry of Education to deliver a co-signed (KFUPM and IFP School) Master's degree.



The 21 students of the first class of the Master in Oil and Gas Surface Facilities received their degrees from Khalid Al-Falih, CEO of Saudi Aramco, and Olivier Appert, CEO of IFP Energies nouvelles.

This program was launched in 2011 as part of IFP School's policy to develop off-site programs in collaboration with IFP Training, KFUPM and Saudi Aramco. It is taught in English and covers the field of surface facilities for upstream and downstream activities.

Participants on this program are young engineers from Saudi Aramco selected by IFP School after the reviewing of an application and on the basis of an interview.

The off-site policy aims to enhance local competences through training programs delivered in oil and/or gas producing countries, together with a local academic partner and an industrial sponsor.

In addition to the program in Saudi Arabia, two other off-site programs are currently being run: in Nigeria (with the University of Port Harcourt and Total) and in Russia (with Ufa State Petroleum Technological University and Gazprom Neftekhim).

LIVE

The IFP School *SPE Student Chapter* launches its first *Social Event*

On 1st March 2014 the IFP School SPE Student Chapter organized its first Social Event, gathering together the four French Student Chapters at the Château de Vert-Mont in Rueil-Malmaison.

This event was organized to mark the 30th anniversary of [SPE France](#), a section of the international [Society of Petroleum Engineers](#).

"The aim of this event was to reinforce ties between the different Student Chapters of the SPE in France and to enhance visibility of the IFP School chapter through a day of activities that were both technical and fun," explained Emmanuel Ramia, secretary of the IFP School SPE Student Chapter.

Around sixty students attended the event. Amongst them were members of the Student Chapters of *Mines ParisTech*, the *Université de Lorraine* and the *Université de Pau et des Pays de l'Adour* (UPPA). Students from UPPA were accompanied by Daniel Broseta, their faculty sponsor.

"Our ambition is for this event to become the annual "event of the year" of the French *SPE Student Chapters*," explained Laura Vigier, treasurer of the IFP School SPE Student Chapter.

An event focussed on acquisition of knowledge and sharing of multicultural experience

There were four main highlights during the day. Participants were welcomed by Jean-Marc Dumas, President of SPE France and Jacques Bosio, former President of the International SPE, both of whom insisted on the importance of belonging to professional associations throughout one's career.

Representatives of SPE Student Chapters then presented their various higher education institutions and their career pathways.

Participants also attended two conferences, one given by Brigitte Bazin, consultant from IFP Training, on Enhanced Oil Recovery with chemicals and one by Alexander Darishchev, a PhD fellow in the Geoscience Department of IFP Energies nouvelles, on flow modeling in reservoirs with low permeability.

The day continued with a competition on the development and production of a field in Kenya. The students who organized the competition had created a data set and 11 reservoir models on a scale of 1:2000. The concept of the game has been registered in a Soleau envelope at the French Industrial Property Institute (INPI).



The Social Event gathered together around sixty students who are members of the SPE Student Chapters in France (IFP School, Mines ParisTech, Université de Lorraine, Université de Pau et des Pays de l'Adour). The event was organized around an engineering competition based on the development and production of a field in Kenya.

Organized in mixed inter-school teams, the students studied geological, seismic, well-logging and petro-physical data and results of well-testing to propose a development and financial strategy to start production of the field.

Once they had secured funding from the banker (the role played by the event organizers), the teams were able to deploy two engineers to start oil production, taking care to respect HSE rules and regulations and also technical constraints (shifts in the office and on the field).

"It was the opportunity for the young students to compare their skills in a friendly atmosphere but also to become aware of the process involved in starting up operations and the importance of the quality of initial data," pointed out Jean-Pierre Deflandre, former President of SPE France and professor in the Exploration-Production Center at IFP School.

At the end of the competition, Jean-Pierre Deflandre (President of the jury), on behalf of SPE France, handed prizes to the members of the three winning teams (out of a total of 11) as an award for the quality of their evaluation of the given data and the volume of oil produced.

This first Social Event received significant support from IFP School, GDF SUEZ and SPE France, who initiated the event. SPE France was represented by members of its committee including three young professionals: Pierre-Emmanuel d'Huart, Anaïs Mathieu and Benjamin Testard, all graduates of IFP School's Petroleum Engineering and Project Development program.

Next year, the IFP School SPE Student Chapter hope to renew this experience and invite the various European SPE Student Chapters to join them, particularly the chapters in Germany (Berlin, Clausthal-Zellerfeld, Friedberg), Italy (Bologne, Turin) and Poland (Cracovia).

The IFP School SPE Student Chapter in a nutshell

Created in 1996, the IFP School SPE Student Chapter is an association under the law of 1901 whose aim is to strengthen ties between students and professionals of the oil and gas sector through conferences, scientific debates and study trips.

This association targets mainly students from the following IFP School programs: Petroleum Engineering and Project Development (DEG), Reservoir Geoscience and Engineering (RGE) and Energy and Markets. At present it has 50 members.

See the IFP School SPE Student Chapter [Website](#)

ASSOCIATION

The IFP School Alumni Association celebrates its 90th anniversary!

This year is a special one for the IFP School Alumni Association (AAID): it is celebrating its 90th anniversary! Watch out for the numerous events and surprises that are in store ... keep your eye on the [Alumni website](#).

The Annual Dinner

The Association's Annual Dinner took place on Friday 13 December 2013 in the private rooms of the prestigious restaurant *La Coupole* in the 14th arrondissement of Paris.

On this occasion, around one hundred members of the Association gathered together to honor the Classes of 1953, 1963, 1973, 1983, 1993 and 2003. As is tradition, Jean-Baptiste Renard, the Association's President, welcomed the guest of honor, this year Jean-Luc Volpi (APP 93), Director of the French Military Fuel Service.



The Association awarded the *Prix de l'Amicale* to Paula de Oliveira (GOL 97) in recognition of her commitment in running the Alumni Club in Houston and to Paul Trémolières (GOL 70) for his work with the Association and the support he gives to IFP School students.

[See photos of the event](#)

Conference "The Energy Transition: challenges, costs and financing"

The Association is organizing a conference on the energy transition on **Tuesday 8 April 2014** in the auditorium of Total's Tour Michelet (La Défense). Participants will be:

- **Marc Boillot**, Strategy and Major Projects Manager - ERDF
- **Pierre-Frank Chevet**, President – French Nuclear Safety Authority (ASN)
- **Olivier Musset (RAF 88)**, Global Head of Energy - Société Générale
- **Jean-Pierre Favennec (ECO 69)**, Consultant—Professor - IFP School

The event is free but attendees must register before **1st April 2014**. If you wish to attend, please contact [Dolorès Santos](#) - Tel: 01 47 52 52 51.

NEWS

IFP School wins the IBA Europe 2014 challenge



A team of five students from IFP School's Petroleum Geosciences (GOL/GOP) program, made up of geologists and geophysicists of the 2014 Class, won the Imperial Barrel Award (IBA) Europe at the challenge held in Prague on 7 March 2014.

Daichi Yoon (France), Jose Javier Garcia Criado (Spain), Arthur Guillien (France), Ademola Olatunbosun (Nigeria) and Samuel Rivas Dorado (Spain) evaluated an oil field in the Cooper/Eromanga basin (onshore Australia) using real data supplied by industry. The data set consisted of three geophysical studies of 3D seismic data covering 762 km² and 3 wells.

The students presented their results in front of a panel of industry experts from the BG Group, BP, CGG, ExxonMobil, Maersk, Nexen, OMV, Shell, Solo Oil and Total. Eric Deville, research professor at IFP School's Exploration-Production Center, accompanied the group.

The IFP School team competed against 26 European universities and engineering schools. It is the third time in five years (2010, 2012 and 2014) that the School has won the IBA Europe challenge.

They will represent Europe in Houston, Texas on 4 to 6 April 2014 at the International final, held during the International Congress of the American Association of Petroleum Geologists (AAPG), competing against all the winners of the regional challenges.

Welcome to the Argentinean students from the ITBA

The first six students from the program held jointly with the *Instituto Tecnológico de Buenos Aires* (ITBA) joined IFP School on 7 January 2014.

This academic partnership agreement, signed in March 2013, with one of the top Argentinean engineering schools is an integrated course with students attending part of the IFP School Reservoir Geoscience and Engineering program (RGE), which is taught in English.



It gives students the opportunity to do a part of their course in each of the institutions and to be awarded a double degree.

After following the first part of the course at ITBA, Adelina, Luz, Vanina, Francisco, Gonzalo and Marcelo will do two semesters at IFP School to follow courses in reservoir engineering. A warm welcome to all of them!

IFP School wins the second round of the French Students Cup

A crew of IFP School students won the second round of the 21st French Students Cup, which took place on 1st and 2nd March 2014 in Quiberon Bay, near Trinité-Sur-Mer.

For this second round of the competition, the students defended the School's colours and the colours of their partner Perenco aboard the Grand Surprise sail boat. Crew members were:

- Thibault Court (PEM)
- Guillaume Hervé (ENM)
- Philippe de Lastic Saint Jal (DEG)
- Médéric Moisson de Vaux (DEG)
- Alban Meteyer (PEM)
- Marc-Antoine Roche (DEG)
- Quentin Sustrac (DEG)

Five races took place during the two day regatta. The crew competed against 18 other crews, one of which was the School's alumni crew, the "IFP retirees".



The IFP School crew finished 6th in the first race despite having a torn spinnaker. After a rapid return to port for a quick repair job, they won the last two races of the day! They performed equally well on the Sunday and finally won the round.

The French Students Cup is a sailing competition organized by EDHEC. It takes place over three weekends between January and Easter. The last regatta will be from Granville to Jersey. Our students will be out to win! Good luck and fair sailing !