

Flash info collects short information of general interest. The FEANI Secretariat General prepares it and each contribution from National Members is welcome.
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▪ **FEANI events and meetings spring 2006**

- 1) Executive Board meeting 17 April 2006 in Berlin
- 2) European Monitoring Committee (EMC) meeting 1-2 June 2006 in Brussels
- 3) Committee on Continuing Professional Development (CPDC) meeting 10 April 2006 in Brussels

▪ **'European Engineers' Forum' in the framework of the Hanover Fair: Engineering Careers in Europe - Promoting Pan-European Engineer Mobility**

24 April 2006, Hanover, Germany

EXTENDED REGISTRATION DEADLINE: Register NOW

As announced in the previous Flash, FEANI extends to all European Engineers being Member of a FEANI Member association a SPECIAL OFFER, namely free participation to the Forum and a free entry ticket to the Hanover Fair on 24 and 25 April 2006. Details and registration form are on the FEANI website <http://www.feani.org>, section 'Events'. The special offer is also available for Members of organizations FEANI cooperates with (see the registration form). Please note that the registration has been extended to 18 April 2006; in case of those late registrations, the entrance tickets should be collected at the Ticket Counters of the VDI (Verein Deutscher Ingenieure) at the Fairground (entrances North3 and West).

2006 has been declared the "Year of Workers' Mobility" by the EU Commission. It is in this context that FEANI has organized this Forum in order to publicize and promote international career opportunities for engineers, particularly within the EU, but also worldwide. The keynote speech will be held by the EU Commissioner for Employment, Social Affairs, and Equal Opportunities, Dr. Vladimir Spidla, followed by contributions from senior managers and professional Engineers. FEANI will furthermore present two initiatives on the subject of mobility and career for Engineers: the Professional Card (ENGCARD) concept and the EUR-ACE project on Accreditation of European Engineering Programmes. All this takes place in an informal brunch setting, with plenty of opportunities for participants to compare notes and network with colleagues.

The detailed Agenda of the Forum is as follows:

Monday, 24 April 2006

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|---------------|--|
| 09:15-10:00 | Registration and breakfast buffet |
| 10:00 - 10:10 | Introduction and words of welcome
Dr. Willi Fuchs, President, FEANI |
| 10:10 - 10:40 | Presentation of the initiative "European Year of Workers' Mobility 2006"
Dr. Vladimir Spidla, EU Commissioner for Employment, Social Affairs and Equal Opportunities |

- 10:40 - 12:00 **International career opportunities:
Firms and engineers working in Europe and worldwide report on their experience**
Dr. Colin Clinton, Director Marketing and Communications Europe, Arup, United Kingdom
Eur Ing Martin Vlietstra, Freelance IT Engineer, Vliet Ltd., United Kingdom
Carlo Parietti, President, EUROCADRES, Belgium
Juan de Dios Alférez, President of the Association of Industrial Technical Engineers of Madrid, Spain
Ing. Milan Bojanovsky, Director Section Human Resources, SIEMENS, Czech Republic
- 12:00 - 12:30 **New approaches to promoting and facilitating international careers:**
- **EUR-ACE: Accreditation of European Engineering Programmes**
- **The Professional Card for Engineers: a "passport" scheme for engineers, recognized throughout Europe**
Philippe Wauters and Léon Jean Blaffart, FEANI
- 12:30 - 13:00 **Summing-up**
Alexandre de Faria (Moderator), The Quality Assurance Company
- Language: English, with simultaneous translations in German and French

More information and registration forms: <http://www.feani.org> , Section 'Events'
More information on the Hanover Fair: <http://hannovermesse.de> ;
More information on the EU Year of Workers' Mobility:
http://europa.eu.int/comm/employment_social/workersmobility2006/index_en.htm

▪ **FEANI Strategic Plan 2006-2009 Position Paper**

One of the priorities agreed in the FEANI Strategic Plan 2006-2009 had been the formulation of Position Papers on important subjects related to engineering.
In a first step, the Executive Board had set up two Working Groups for establishing a position paper on "R&D" and "Code of Conduct/Ethics". For both, surveys had been initiated with the FEANI National Members. For the latter subject, the Working Group is in the process of consolidating the answers.

Regarding "R&D", FEANI thanks its National Members from CH, DE, IE, IT, PL, SE, SE, UK as well as the French association CNISF for having provided prompt and valuable comments. In the meantime, the Executive Board of FEANI in its meeting on 24 March 2006 approved the first statement to the EU Commission in the framework of the consultation on the 7th Framework Programme (FP7) of the DG Research. It has been sent to the EU Commissioner for Research, Mr. Potocnik, and Members of his DG as well as to other DGs involved in Research and Technology and to the Members of the EU Parliament's Committee on Industry, Research and Energy (ITRE). You can find this position paper and information on the FP7 on the FEANI website, section 'statements'.

The Working Group on "R&D" is now in the process of elaborating a more detailed position paper that will be presented to the General Assembly 2006, where also the Position Paper on "Code of Conduct/Ethics" will be presented.

For more information: <http://www.feani.org>, section 'Statements'

▪ **EUR-ACE Workshop**

The final results of the EUR-ACE project implemented with the support and funding of the EU Commission's DG Education and Culture (Socrates and Tempus) have been presented on 31 March 2006 at the premises of the EU Commission.

About 100 participants from all over Europe with interest in the engineering education joined the Workshop, which was seen particularly by the representatives of the EU Commission as a great success. It has been judged as a major step for the following implementation phase of the EUR-ACE concept which will deliver a European brand – EUR-ACE – to engineering degree programmes satisfying the requirement for an education necessary for the entry to the engineering profession.

For more information: <http://www.feani.org>, section 'EUR-ACE'

▪ Conference corner

The conference corner presents you a non-exhaustive list of conferences for engineers dealing with education, communication and mobility.

1. **Hanover Fair (Hannover Messe)** 24-28 April 2006, Hanover, Germany

The Hanover Fair represents a global showcase for the trends, innovations and key technologies of tomorrow's industrial world. In 2005, over 205,000 visitors came to the fair and some 6,090 exhibitors from 65 different countries were present in 24 halls. The fair organizer is expecting to increase this number once again in 2006. The 'Partner Country' of the Fair in 2006 will be India. In addition to the fair itself, the fairground hosts a unique compilation of lectures, platforms and expert conventions regarding new products, procedures, market developments and solutions related to: Process Automation, Factory Automation, Industrial Building Automation, Pipeline Technology, Subcontracting, Integrated Processes/IT, Industrial Services, Micro Technology, and Research & Technology. Among the hosted events are the 'European Engineers' Forum organized by FEANI (on 24 April), the World Energy Dialogue, and the Global Business Forum.

For more information: <http://hannovermesse.de>

2. **Celebration of the 150 Anniversary of the VDI, the Association of German Engineers** 16 May 2006, Berlin, Germany

The VDI (Verein Deutscher Ingenieure) was founded on 12 Mai 1856 and is celebrating its 150 Anniversary in Berlin with a ceremonial act in the Concert Hall of the Gendarmenmarkt in the centre of Berlin. Congratulations to VDI.

For more information: <http://www.vdi.de/>

3. **Science & Innovation 2006: Taking up the Technology Challenge** 18 May 2006, London, United Kingdom

Innovation - the successful exploitation of new ideas - incorporating new technologies, design and best practice is the key business process that enables businesses to compete effectively in the global environment. Key figures from UK government, the regions, academia and business will report on their plans to work together to make the most of the opportunities currently available. The main topics are: The Technology Challenge, Developing an "Innovation Scoreboard", Supporting the UK 's Innovation Infrastructure. Seminar Sessions will complete the programme with special issues.

For more information: <http://www.govnet.co.uk/science>

4. **"Engineering Education in 2020: Meeting Industry Needs", the First Saudi Engineering Forum**

23-24 May 2006 , Dhahran, Saudi Arabia

To face the future challenge of new technological and social development in the Kingdom of Saudi Arabia, the Universities recognize the need of closer interaction with local industries and the community in order to strengthen further their positions as the leading institution for quality education and research in engineering.

For more information: <http://www1.kfupm.edu.sa/sef2006/>

5. Valencia Global 2006: Innovation and Higher Education
1-3 June 2006, Valencia, Spain

This international meeting will be held at Escuela Técnica Superior de Ingeniería del Diseño. The Meeting is intending to provide an opportunity for several partner institutions to share expertises and discuss issues of common interest, such as Global Training, New Trends in Higher Education and more.

For more information: <http://personales.upv.es/pfuentes/vg06.doc>

6. Mode University Entrepreneurship-Incubating Processes -Conference
11-14 June, 2006, Lahti, Finland

University Entrepreneurship-Incubating Processes is FINPIN's first international conference. Higher education, entrepreneurship and business incubation are the conference areas of interest. Parallel sessions and conference are planned from 18 countries and 52 speakers are attended.

For more information: www.finpin.com/eng.php

▪ **Sciences and Technology corner**

The Sciences and Technology corner proposes some articles and extract of research or studies that have been reported to the FEANI Secretariat General.

This part is not exhaustive and does not intend to include all the studies.

If you know scientific or technological studies of general interest that can be announced, please send the information to: luc.baude@feani.org

1. Electronics and optoelectronics with carbon nanotubes

Information technology as we know it has resulted from incredibly fast advances in electronics and computing during the last few decades. One of the most important ingredients responsible for the success of integrated silicon technology is the metal oxide semiconductor field-effect transistor (MOSFET), and a major reason for its success is the MOSFET's scalability. Shrinking the dimensions of the device improves its speed and power efficiency.

For more information: <http://www.tipmagazine.com/tip/INPHFA/vol-10/iss-3/p18.html>

2. RFID (Radio Frequency Identification) and plastic electronics

In Eindhoven, NL - Scientists at Philips Research have created a fully functional 13.56 MHz RFID tag based entirely on plastic electronics. In contrast to conventional silicon-chip-based RFID tags, a plastic electronics RFID chip can be printed directly onto a plastic substrate along with an antenna without involving complex assembly steps.

For more information: <http://www.research.philips.com/newscenter/archive/2006/060206-rfid.html>

3. H2 trucks a complete hydrogen vehicle

The H2 Truck uses hydrogen as fuel, and through a fuel cell, hydrogen is converted into electricity that powers the motor. The H2 Truck is the first vehicle of its kind to be ready on a commercial market for customers that are interested in demonstrating the new hydrogen technologies.

For more information: <http://www.h2truck.dk/h2truckdk/english/index.htm>

4. Successful Measurement Campaign for Franco-German Project ABC

A measurement campaign was carried out last December in Modane's S1MA transonic wind-tunnel to test a 4,2-meter diameter four-bladed rotor, each blade of which was equipped with a trailing-edge control surface.

For more information: <http://www.onera.fr/news/2006-011.php#0301>