



EUCEET Association

NEWSLETTER 2/2013

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FROM THE EUCEET ASSOCIATION

2nd EUCEET Association Conference



News about the Conference

❖ Deadline for abstracts extended to 15th July 2013

Taking advantage of his presence in Moscow for the Final Conference of the Tuning Russian project, Prof. Iacint Manoliu, General Secretary of the EUCEET Association, had the opportunity to make on Wednesday 19th June 2013 a visit at the Moscow State University of Civil Engineering (MGSU).

He was received by Prorector Prof. Pavel Akimov (known to those who attended the Pisa GA) who gave the updated list of abstracts. In total, there were 13 abstracts received: 4 from Russia, 3 from Poland, 2 from Spain, 1 from France, Finland, Hungary, Romania. The figure being quite low, it was decided to make a new (and final!) extension of the deadline for abstracts until 15 July 2013. The other important dates were moved accordingly:

- notification of abstract acceptance 31.07.2013
- last date for paper submission 05.09.2013
- notification of paper acceptance 15.09.2013
- finalized manuscript submission 25.09.2013

❖ Key-note lectures

There are so far four confirmed key-note lectures

- Prof. Jean Berlamont (Leuven University, BE)
"Inclusive engineering curricula"
- Prof. Iacint Manoliu (Technical University of Civil Engineering Bucharest, RO)
"Civil engineering education – place and role in the European Higher Education Area"
- Prof. Annette Boegle (Hannover University, DE)
"Teaching Creativity to Civil Engineers"
- Mr. Jaime Freyre de Andrade (Executive Vice President and COO of FCC Construction Inc, Spain and USA)
"Educating Civil Engineers for Working Overseas"

In addition, there will be two key-note lecturers from Russia, one representing the academic world and the other the professional world. Their names and the titles of their lectures will be soon announced.

❖ A visit of MGSU

The hosts organized for Prof. Iacint Manoliu a visit of the University, in which he had two nice guides, Nina Potapova and Olga Landysheva from the staff of the International Relations Department of MGSU. Although short, due to his very tight programme, the visit was very interesting and full of good impressions.

With more than 30,000 students, MGSU is the biggest and strongest University of Civil Engineering in Russia. The laboratories have state-of-the-art equipment. There is also a large and comprehensive Museum of the University in which visitors have the pleasant surprise to learn that the famous poet, composer and singer Vladimir Visotzki (who was the husband of Marina Vlady) was for one year student of this university and has his first show on the scene of the University.

The academic hall which will host the Conference has all required facilities. The cafeteria for the university staff will offer excellent conditions for the lunches and dinners during the conference. Although the hotels recommended by MGSU are close, MGSU will organize a shuttle bus transfer.

In conclusion, the participants to the Conference will have the opportunity to know a modern and rich education establishment, with a tradition of more than 90 years, making part of the elite list of National Research Universities of Russia.

❖ A call for new contributions

On 27th June 2013, Prof. Diego Lo Presti, President of the EUCEET Association, sent a letter to all members of the Association in which the call for contributions was renewed. Let's hope that the echo will be good.

<http://euceet.mgsu.ru/en/>

EUCEET Association became Associate Member of ECCE

As a result of the decision taken by the Administrative Council which met in Pisa on 9th November 2013, EUCEET Association applied to become Associate Member of ECCE.

The application was endorsed by the Executive Board of ECCE in Lisbon, on 31st May 2013.

In the ECCE General Assembly held on 1st June 2013, Prof. Iacint Manoliu, General Secretary of EUCEET Association made a short presentation of the Association, with emphasis on the active participation of ECCE in the Thematic Network Projects EUCEET and on the benefits which future cooperation could bring to both organizations.

The General Assembly approved unanimously the admission of EUCEET Association as Associate Member of ECCE.

In brief about ECCE

The European Council of Civil Engineers (ECCE) was created in 1985 out of the common concern of the professional bodies for Civil Engineers in Europe that the Civil Engineers working together across Europe could offer much more to assist Europe advance its built Environment and protect the natural environment.

At the European Union level, ECCE aims to promote the highest technical and ethical standards, to provide a source of impartial advice, and promote co-operation with other pan-European organisations in the construction industry. ECCE also advises and influences individual governments and professional institutions, formulates standards and achieves a mutual compatibility of different regulations controlling the profession, and formulates standards for a European Code of Conduct of the Civil Engineering Profession and disciplinary procedures applicable throughout the Union.

ECCE formulates guidelines to maintain and raise standards of civil engineering education, training and professionals competence, as well as assisting in achieving mutual compatibility of European codes, standards and regulations in the related industry and encouraging and improving levels of safety and quality in the industry.

ECCE is active in such areas as the environment, research and development, education and training, ethics, continuing professional development, transportation and liability, as well as organising workshops and conferences.

ECCE Member Organizations

BULGARIA

Union of Civil Engineers in Bulgaria

CROATIA

Croatian Chamber of Architects and Engineers

CYPRUS

Cyprus Council of Civil Engineers

Cyprus Turkish Chamber of Civil Engineers

CZECH REPUBLIC

Czech Institution of Structural & Civil Engineers

ESTONIA

Estonian Association of Civil Engineers

FINLAND

Finnish Association of Civil Engineers

FRANCE

National Council of Engineers and Scientists of

France

GEORGIA

Georgian Society of Civil Engineers

GREECE

Association of Civil Engineers of Greece

HUNGARY

Hungarian Chamber of Engineers

IRELAND

Engineers Ireland

ITALY

National Council of Engineers

LATVIA

Latvian Association of Civil Engineers

LITHUANIA

Lithuanian Association of Civil Engineers

MALTA

Chamber of Architects and Civil Engineers

MONTENEGRO

Engineers Chamber of Montenegro -Civil Engineers

Chamber

POLAND

Polish Society of Civil Engineers

PORTUGAL

Order of Engineers

ROMANIA

Union of Associations of Civil Engineers of Romania

RUSSIA

Russian Society of Civil Engineering

SERBIA

Serbian Chamber of Engineers

SLOVAK REPUBLIC

Slovak Chamber of Civil Engineers

SLOVENIA

Slovenian Chamber of Engineers

SPAIN

Colegio de Ingenieros de Caminos, Canales y

Puertos

TURKEY

Turkish Chamber of Civil Engineers

UNITED KINGDOM

Institution of Civil Engineers

ECCE Standing Committees:

1. Education & Training

Civil engineering education and training, European Union projects in the area of education & training.

2. Environment & Sustainability

Current environmental issues (e.g. flooding), sustainable and environmentally friendly civil engineering.

3. Knowledge & Technology

Research & development (R&D), information technology (IT), current engineering issues (roof collapses, earthquake designing, Eurocodes).

4. Development & Business Environment

Further development of concerned EU legal regulations, Relations with European institutions and other professional organizations / associations

5. Associate Membership

ECCE Associate Members meetings, information, attracting Associate Members, proposals for organizing seminars, workshops, etc., attracting sponsorships, networking, lobbying.

Task Force "Civil Engineering Heritage"

Publishing of Civil Engineering Heritage projects from all over Europe.

Two good news from Marina Pantazidou

- Our colleague, Marina Pantazidou from the National Technical University of Athens, member of the Administrative Council of the EUCEET Association and chair of the Working Group "*Best practice in teaching, learning and assessment*", was promoted from the rank of *Assistant Professor* to the rank of *Associate Professor*.
- The second good news received from Marina Pantazidou is that the latest issue of the European Journal of Engineering Education (EJEE) has a theme section on Geotechnical Engineering Education and is now available online at: <http://www.tandfonline.com/toc/ceee20/38/3#.UcNqYdiymSo>

The content of the theme section of EJEE, volume 38, Issue 3, 2013 is the following one:

Theme Section Editorial

- Geotechnical engineering education: promote links with research on engineering education
Marina Pantazidou, pages 235-237

Theme Section Papers

- Incorporating learning outcomes into an introductory geotechnical engineering course
Gregg L. Fiegel, pages 238-253
- Revising a design course from a lecture approach to a project-based learning approach
Tanya Kunberger, pages 254-267
- Integration of centrifuge testing in undergraduate geotechnical engineering education at remote campuses
Usama El Shamy, Tarek Abdoun, Flora McMartin & Miguel A. Pando, pages 268-280
- Environments for fostering effective critical thinking in geotechnical engineering education (Geo-EFFECTs)
Charles E. Pierce, Sarah L. Gassman & Jeffrey T. Huffman, pages 281-299
- Geotechnical engineering in US elementary schools
Eduardo Suescun-Florez, Magued Iskander, Vikram Kapila & Ryan Cain, pages 300-315

FROM MEMBERS

University College of Dublin School of Civil, Structural and Environmental Engineering (CSEE), IE



New 2nd-cycle masters degrees programmes in the civil engineering discipline

Prof. William Magette informed about the new 2nd-cycle masters degrees programmes in the civil engineering discipline:

The **UCD School of Civil, Structural and Environmental Engineering** is pleased to be the first university in Ireland to offer new “2nd cycle” programmes based on the “3+2” Bologna model of university education leading to master’s level qualifications in the civil engineering discipline. The programmes were developed with regard to the in-depth analyses of civil engineering university education and training made by the EUCEET thematic network.

The **Master of Engineering (ME) in Civil Engineering** (T161) is designed for students who have successfully completed 180 ECTS in civil engineering and wish further specialisation across the breadth of the civil engineering discipline. The **ME in Structural Engineering** (T276) offers students the opportunity to specialise in the structural engineering area. The **ME in Civil and Environmental Engineering** (T283) provides in-depth study in environmental engineering, particularly water resources, wastewater and water treatment, and solid waste management. All ME programmes are offered over 2 academic years (120 ECTS).

The School also offers master’s programmes for students who have completed 240 ECTS in engineering. These 90-ECTS **Master of Engineering Science (MEngSc)** programmes have a 1-year duration (September-August) and are focused in **Water, Waste and Environmental Engineering** (T277) and in **Structural Engineering** (T279).

For further information about these programmes and to apply, consult the web pages at <http://www.ucd.ie/graduatestudies/>

About CSEE and UCD

The School of Civil, Structural and Environmental Engineering (www.ucd.ie/csee) at University College Dublin (UCD) is a component of UCD’s College of Engineering and Architecture. The School is ranked 112th in the world among third level Civil and Structural Engineering schools and departments, according to QS World University Rankings (2012), based on a mix of academic reputation, reputation among employers and citations of research publications. The School’s strategic objective is to be among the top 100 civil engineering programmes in the world.

We have 14 academic staff members, most of whom are Chartered (*i.e.*, licensed professional) Engineers, 4 technical staff, and 1 administrative staff. Two academic staff members are from the USA (and have taught in US universities), one member is from Spain, and one is from China. More than 25% of our academic staff have been named University Teaching Fellows in recognition of their exemplary devotion to excellence in teaching.

UCD (www.ucd.ie) itself is Ireland’s largest university, with almost 25,000 students, approximately 5,000 of which are international students. It confers more engineering degrees in Ireland than does any other university. UCD is ranked in the top 1% of higher education institutions worldwide.

Aalborg University, DK

5th European Convention of Engineering Deans: “Engineering for a sustainable Europe-Transforming Research and Education to meet Sustainability Challenges”



On 18-19 April, SEFI, in cooperation with CESAER and the Aalborg University (AAU), organised the **5th European Convention for Engineering Deans** (ECED) in Aalborg, at the Nordkraft Centre.

The Convention was attended by approximately 80 deans in engineering from 27 countries. The general theme was of “**Engineering for a Sustainable Europe – Transforming Research and Education to meet Sustainability Challenges**”.

The invited speakers were Prof. Leah Jamison from Purdue University College of Engineering (US), Prof. Ed Crowley, President of Skolkovo Institute of Science and Technology (US), Prof. Marco Gilli, Rector Politecnico di Torino (IT), Prof. Karel Luyben, Rector Magnificus TU Delft (NL), Prof. Manfred Hampe, TU Darmstadt and President of 4ING, Mr. Poul Toft Frederiksen, Grundfos (DK) and Mr. Peter van der Hijden (EU, DG Research) who gave inspiring presentations that were discussed during a series of working sessions. Presentations were also given by **SEFI corporate members** and sponsors of the event, namely Mr. Xavier Fouger (Dassault Systems, FR), Vice-President SEFI, Mr. Alex Tarchini (Mathworks, IT) and Torbjörn Halvarsson (HP, SE).

The ECED 2013 presentations, when available, are downloadable on <http://www.sefi.be/?p=3418>.

The Knowledge Triangle - Reinventing the Future

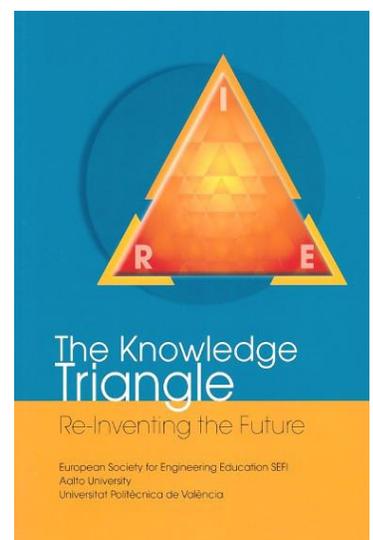
This book is a collaborative publication by Aalto University, the Polytechnic University of Valencia and **SEFI**.

It is obtainable at the SEFI HQ at the price of € 25 for members and € 40 for non members.

Through policy descriptions and strategy statements, this publication reveals what is happening behind the scenes on the EU, as well as national and institutional levels. The many practical cases presented manifest the concrete efforts put to materializing the Knowledge Triangle: creating more synergy between research, education and innovation. The recent research findings shared open the curtain to what innovativeness means, how it could be fostered, and why it is imperative in advancing the sustainable Knowledge Society.

In a series of projects such as EUGENE EU Academic network project, workshops and conferences, all focusing on the triple play of research, education and innovation, the authors were able to share their common understandings and to develop and create advanced new concepts. This book brings together their lessons learnt in an interesting compilation of articles, reflecting the authors consolidated knowledge together with some brand new insights.

For further information about this publication, please go to: <http://www.sefi.be/?p=3443>



Aalto University, FI



Professor Juha Paavola, Chair of the Department of Civil and Structural Engineering at Aalto University, informed about two Professor positions open for application at Aalto University.

The first one is the *Professorship in Design of Structures*. This position is new at Aalto. At the Department of Civil and Structural Engineering, the professor will be part of a research community and is in charge of linking the research to architectural research. He will be lecturing to the architect students at the Department of Architecture. Actually, he will work as a link between Structural Engineering and Architecture.

For additional information, please contact Head of Department of Civil and Structural Engineering, Professor Juha Paavola, tel. +358 50 5113249 or Professor Antti-Matti Siikala at the Department of Architecture tel. +358 40 5805650, email addresses: firstname.lastname@aalto.fi. In recruitment process related questions, please contact rekry-arts@aalto.fi.

Another post is the *Professorship in Indoor Environment Technology*. This position is new at Aalto University as well. This professor will be concentrating most in the questions of the quality of the indoor air.

For additional information, please contact Head of Department, Professor Juha Paavola, tel. +358 50 511 3249 (or in questions related to the recruitment process, HR Coordinator Heidi Lehtinen, tel. +358 50 340 9683). E-mails: firstname.lastname@aalto.fi.

Budapest University of Technology and Economics, HU

The international symposium "*Innovative Approaches to Engineering Education*" was held in Budapest on the 27th June 2013 as a part of the Annual Meeting of the International Council of Academies of Engineering and Technological Sciences (CAETS) (26-28 June).



During the symposium there was a half-day session on recent innovations in engineering education and a half-day session on the future challenges brought by "digital natives and digital immigrants" and brain-science potential impact on education.

The aim of the symposium was to introduce current innovative approaches to engineering education and to share experiences in the field of Brain-science and education (neuro-engineering).

The symposium included keynote speeches by renowned international experts, and topical presentations as well. The final outcome of the event was a statement addressed to politicians and decision-makers.

For more information please go to: <http://www.mernokakademia.hu/>

Vilnius Gediminas Technical University, LT

Prof. Linas Juknevičius informed about the 11th international scientific conference “*Modern Building Materials, Structures and Techniques*”:



The 11th international scientific conference “*Modern Building Materials, Structures and Techniques*” was successfully held on 16-17 of May 2013 in Vilnius, Lithuania. This conference is organized since 1991 (recently – every 3 years). This year the conference was organized by the Faculty of Civil Engineering of Vilnius Gediminas technical university and partners: International Association for Bridge and Structural Engineering (Lithuanian group), European Council of Civil Engineers, Association of European Civil Engineering Faculties, European Association of Operational Research Societies (EWG-ORSDC group) and Lithuanian Academy of Sciences. Almost 300 scientists from 24 countries took part in the recent conference. Totally 173 oral and poster presentations were made. The majority of foreign participants came from Poland, Latvia, Czech Republic and Germany.

The scope of the conference covered almost all fields of civil engineering. The major topics were the traditional ones: modern building materials and their technologies; innovative calculation techniques and design of reinforced concrete, steel and composite bridges and structures; structural mechanics and optimization of structures; geotechnics; building technologies and management; building information systems; facilities management.

All submitted and peer reviewed conference proceedings were published online as the separate issue of *Procedia Engineering* by international publishing house Elsevier. This issue of *Procedia Engineering* also will be sent to Thompson Reuters for possible indexing in Web of Science database.

Organizers are very proud of the fact that during the plenary and joint sessions of the conference 12 presentations were made by invited speakers which are listed among the internationally known scientists in field of civil engineering, present presidents or immediate past presidents of the international organizations, rectors or rectors emeritus of the universities, heads of the faculties, departments and national academies of sciences and other honorable professors.



Prof. Linas Juknevičius addressing to the participants to the conference

Technical University of Cluj-Napoca, RO

Prof. Doina Verdeş informed about the C60 International Conference "Tradition and Innovation – 60 Years of Constructions in Transylvania"

The Dean of Civil Engineering Faculty, Technical University of Cluj – Napoca, expresses his honor in inviting you to take part to the C60 activities organized with the occasion of 60th anniversary of the Faculty.

The celebration will be held at Grand Hotel Napoca and at the premises of the Faculty during November 7th to 9th 2013.

C60 International Conference "Tradition and Innovation – 60 Years of Constructions in Transylvania" aims at creating the opportunity of an exchange of experience, ideas and knowledge in the vast field of Construction industry.

<p>Conference Topics</p> <p>The scientific papers of the Conference are focused on the following topics:</p> <ul style="list-style-type: none"> - Structural Mechanics - Soil mechanics and foundations - Reinforced Concrete Structures - Steel Structures - Buildings - Roads, bridges and railways - Construction technologies and management - Building services - Architecture - Challenges in teaching civil engineering
<p>Important Dates</p> <p>February 2013 Call for papers</p> <p>March 31th 2013 One page abstract submission deadline</p> <p>April 30th 2013 Abstract approval notification</p> <p>September 15th 2013 Full paper submission deadline</p> <p>November 7-9 2013 Conference dates</p> <p>Participation fee will be announced later on.</p>

Links:

Conference site
www.c60.ro

Faculty of Civil Engineering
www.constructii.utcluj.ro

Technical University of Cluj-Napoca
www.utcluj.ro

City of Cluj-Napoca
www.visitcluj.ro

Further information:

Ligia MOGA
mobile: +40 740.185.834
Ovidiu PRODAN
mobile: +40 745.934.864
fax: +40 264.594.967
e-mail: secretaria@c60.ro

construcții

**UNIVERSITATEA TEHNICĂ
DIN CLUJ-NAPOCA**

**Faculty of Civil Engineering
Anniversary**

International Conference:
"Tradition and Innovation -
60 Years of Constructions in Transylvania"

C60
7-9 November
2013

construcții

The summit of professionals, academics and the others involved in the Construction activity may generate a comprehensive view on the overall performances, developments and tendencies in the fields of research, design and economics in the field.

Organizing Committee looks forward to meeting you at this event and to having the opportunity and pleasure of warmly welcoming you.

Domains

The program will feature contributions (scientific papers, keynote lectures and posters) from scientists and practitioners on the following topics:

- Structural mechanics
- Soil mechanics and foundations
- Reinforced concrete structures
- Steel structures
- Buildings
- Roads, bridges and railways
- Construction technologies and management
- Building services
- Architecture
- Challenges in teaching civil engineering

Lecture of Prof. Laurie Boswell at the Technical University of Cluj Napoca

Professor L.F. BOSWELL from City University, London, UK had accomplished a visit in the frame of Erasmus Program at Technical University of Cluj Napoca, Romania, in the period 29th May – 1st June 2013.

He presented successfully the lecture:
“Engineering Challenges at the Energy Frontiers”

The lecture was about the development of exploration for Oil and Gas from the early days until the current Deep Water activities, showing how innovative technology has developed as a result of the need for energy.



University “Ovidius” Constantza, RO

You are cordially invited to submit or recommend articles to the

“Ovidius” University Annals of Constanta - Series CIVIL ENGINEERING (2013) journal, which is an open access academic journal. This journal is indexed by Copernicus and ProQuest databases, and has entered into an electronic licensing relationship with EBSCO Publishing. The full text of the journal will be found on EBSCO Publishing's upgraded database once the collection is complete.



You are invited to submit your scientific papers using the OpenConf Management System from the following address <http://revista-constructii.univ-ovidius.ro/openconf/openconf.php> until the 1st of July 2013.

All submitted papers will be under peer review. The notification of acceptance/ rejection will be sent until the 31 of October 2013.

The accepted articles will be published free of charge in the 2013 volume of our journal.

OUCSCE journal publishes original papers within the broad field of civil engineering which includes, but is not limited to, the following:

Construction Materials and Technology, Computational Methods in Civil Engineering, Structural Engineering, Seismic Engineering, Hydraulics and Fluid Mechanics, Hydraulic Structures, Irrigation and Drainage, Erosion, Water Supply, Sewage, Hydrology and Hydrogeology, Environment Protection, Coastal Engineering, Waterway and Ports, Geotechnical Engineering, Management in Civil Engineering, GIS Applications.

ECCE – European Council of Civil Engineers

57th ECCE General Meeting

The 57th ECCE General Meeting took place in Lisbon on **31st May – 1st June 2013**, being hosted by the Ordem dos Engenheiros.

Were represented 20 organizations members of ECCE. Apologies for absence were received from member organizations from France, Romania, Russia, Serbia, Slovakia.

On 31st May, were organized sessions of the 5 Standing Committees: SC Education & Training, SC Associate members, SC Knowledge & Technology, SC Environment & Sustainability, SC Development & Business Environment, and of the Task Force Public Relations & Civil Engineering Heritage.



Participants at the 57th ECCE meeting

A novelty for a ECCE meeting was the organization on 31st May, in the afternoon, of a joint ECCE/Ordem dos Engenheiros Conference with the title "*Changes in Civil Engineering*".

The following presentations of the conference can be found on the ECCE site:

http://www.ecceengineers.eu/news/2013/57_ecce_meeting.php?id=41

- "[Civil Engineering. Social Relevance and Future Trends](#)", Carlos Matias Ramos, Ordem dos Engenheiros President
- "[Lessons learned from the 2011 Great East Japan Earthquake](#)", Takehiko Ono, JSCE President
- "[Internationalization and Innovation in Civil Engineering](#)", Fernando Branco, ECCE President
- "[Internationalization of the Portuguese Construction Industry](#)", Ricardo Pedrosa Gomes, AECOPS President
- "[The Portuguese Construction Technology Platform](#)", Rita Moura, Teixeira Duarte, PTPC President

FROM PARTNERS

2013 CLAIU – EU Conference



Brief information on the CLAIU-EU Conference

“The Bologna Process and the Engineering Education” Bologna, on 11th-12th April 2013

An international non-profit Association has been founded by the name of “*Council of Associations of long-cycle Engineers, of a university or higher school of engineering of the European Union*”, abbreviated to “CLAIU-EU.” The Association represents all the long-cycle engineers, i.e. defines engineers who have completed long-cycle theoretically scientific studies in-depth and who are therefore highly competent in the fundamental concepts and in putting these into practice.

CLAIU-EU provides a Forum for consultation and collaboration within Europe among associations of engineers who have broadly been educated to Master degree level.

The objectives of CLAIU-EU serve to promote the interests of engineers who have followed a more theoretically oriented education and who are concerned with fundamental concepts and their practical application.

So far, CLAIU-EU organized 4 conferences:

- 2010 Brussels: “Engineering Master Degrees in Europe
- 2011 Roma: “The Formation of the Engineer- International Models”
- 2012 Madrid: “The engineering doctorate”
- 2013 Bologna: “The Bologna Process and the Engineering Education”

The Bologna Conference, organized by the Consiglio Nazionale degli Ingegneri and hosted by the University of Bologna, was attended by 38 participants, coming from 12 European countries and from China and South Korea. The distribution per countries was as follows: Italy 14, Belgium 4, Portugal 3, Spain 3, Germany 2, Korea 2, Sweden 2, China 1, Estonia 1, France 1, Ireland 1, Romania 1, Slovenia 1, Switzerland 1.



Participants at the CLAIU-EU Conference in Bologna

All CLAIU-EU Conferences are following the same format:

- two half days, four sessions
- one key-note lecture delivered by a guest speaker at each session
- one or two invited contributions at each session
- contributions on the spot, by the participants

The lectures presented by the four guest speakers in Bologna were:

Cornelia Racke: *Fourteens years after the Bologna Declaration is there a more homogeneous shape at the European higher education?*

Mark Goossens: *The Bologna process – has it improved Student Mobility and Employability?*

Prof. Dr.Eng. Fabrizio Vestroni: *Did the Bologna process stimulate more creativity*

Bernard Remaud: *Perspective on the competences of today’s engineering graduates.*

In my double capacity as General Secretary of the EUCEET Association and Chairman of the Standing Committee on Education & Training of ECCE (European Council of Civil Engineers) I took the opportunity to present a contribution in the second day of the Conference.

I started by reminding that ECCE was an active participant to the four Thematic Projects EUCEET developed between 1998 and 2010 with the support of the European Commission. Considering that the true commencement of the Bologna Process was not in June 1999 in Bologna but in May 1998 in Sorbonne (at the Conference of Ministers from France, Germany, UK and Italy) and that in 2010 the creation of the EHEA - European Higher Education Area was completed, one can realize that the life of EUCEET projects coincided in time with the first 12 years of the Bologna Process.

I underlined on this occasion the EUCEET position on the implementation of the Bologna Declaration in civil engineering education by reading the following Statement adopted in 2003 in Ciudad Real.

"EUCEET is supporting and encouraging the application of the idea of two-tier education system in Civil Engineering as suggested in Bologna Declaration.

The adoption of a system based on two main cycles, whenever takes place, must take into consideration the specificity of the civil engineering education and profession. Civil engineers perform and provide services to the community with significant implications for public safety and health. As a consequence, the first cycle in civil engineering education shall be relevant to the labor market and shall ensure graduates with a level of competences tuned to the substantial responsibilities of the profession. A duration of 4 years (or the equivalent of 240 ECTS credits) seems to fit that purpose.

A 4-year duration of the first cycle in civil engineering education is aimed also at facilitating transnational recognition of degrees and professional mobility of European civil engineers. In this respect, due consideration has to be given to the fact that various alliances between engineering organizations, such as Washington Accord and the Engineers Mobility Forum, have established that the required academic component of the qualification of a professional engineer should be 4 or 5 years full time study in University.

The existing integrated 5-year curricula in civil engineering, leading straight to a Master's degree, is also compatible with the letter and spirit of the Bologna Declaration and with the vision of a European Higher Education Area."

There is no doubt that EUCEET brought a significant contribution for the adoption in several countries (Hungary, Czech Republic, Poland, Lithuania, Latvia, Spain, Russia, etc) of a system having the first cycle (Bachelor) in 4 years, followed by a second cycle (Master) of 1,5 or 2 years.

It is widely recognized in Europe that a 4-year duration of the first cycle gives is fully comparable with the requirement of the Bologna Declaration: ... *"The degree awarded after first cycle shall be relevant to the European labour market as an appropriate level of qualifications"*. This requirement is not actually fulfilled in the case of the transformation of the former 5-year integrated programmes with the formula 3+2, where the first degree is merely a *"pivot"* or *"mobility"* degree, with little chances of employability for graduates. When such formula was adopted by Universities in Italy, Germany, Belgium, Netherland etc, it was certainly considered that if not all but the major part of the graduates of the first cycle will continue with the second cycle, thus completing a 5-year engineering education programme.

Under the heading *"The views of employers"* of the excellent lecture presented by Dr. More Goossens, Director of SEII - European Society for Engineers and Industrialists, Belgium, I had the pleasant surprise to see that he quoted me in the following sentence:

Professor Iacint Manoliu, in Bucharest, said that:

- *"In most European countries, there is no framework for a proper consultation and participation of industry in the matter of HE.*
- *The few easily available reactions express their skepticism".*

I realized that the quotation was taken from my paper *“The impact of the Bologna process on the civil engineering education and profession in Europe”* published in the ECCE book *“Civil Engineering Profession in Europe – 2005 – ”*.

Dr. Goossens ended his presentation with two questions to which he gave the answers:

- *“Has the Bologna Process contributed to significantly enhance student mobility and graduates’ employability, particularly in engineering?”* My answer is NO (I shall explain way).
- *“Do we have to consider that the Bologna Process is a failure?”*. My answer is also NO (even if it did not reach all its objectives, it has had the merit to start something).

Thanking Dr. Goossens for quoting me, I made, nevertheless, a critical remark concerning the second question.

In the first place, in a Conference entitled *“The Bologna Process and the Engineering Education”*, the question should have been:

“Do we have to consider that the Bologna process is a failure for Engineering Education?”

For such a question, I said, the answer could not be NO, but in the best case YES and NO.

It is quite normal to consider that for Engineering Education in Europe the Bologna Process was merely *harmful* than *useful*.

Prof. Iacint Manoliu

SEFI (European Society for Engineering Education)

2013 Conference: *“Engineering Education Fast Forward”* 1973 > 2013 >>

The Conference is organized by the KU Leuven (Belgium) -
Faculty of Engineering



Topics include the **recent developments in educational tools** (e.g. MOOCs), the **integration of sustainability as supporting pillar in EE**, a **critical view on the changes and progress in EE during the last 40 years**, **continuing EE – the next generation**, **socially just engineering education** and **engineering in context**.

This conference is more than the core meeting events (17-19 September) and offer a wide range of opportunities and encourage all participants to be actively involved in several **exciting workshops and working group meetings** dealing with original and eye-opening experiences. Just take a look at the conference website and decide which activities you would like to participate **before and after the conference**. All these events will be held at the conference site in the center of Leuven and are open for all registrants of the conference.

Two-day **Annual Conference of ENAEE** (extra charge – 16 and 17/9) on accreditation of engineering education programs and the **workshop on the different doctorates for engineering in Europe** organized by EEDC, 4ING and SEFI (16/9 afternoon– free of charge but inscription is necessary) will take place.

Announcement: Nomination of a new IIDEA Co-Director



International Institute for Developing Engineering Academics

IIDEA is a **leadership training institute** focused on establishing a global network of engineering faculty development programs to disseminate learning about the transformation of engineering education worldwide. IIDEA aims to provide all the engineering education associations, institutions and other engineering education stakeholders a clearing house of high caliber and world-class engineering faculty leadership training workshops/courses/seminars, helping to broker the offering of these around the world.

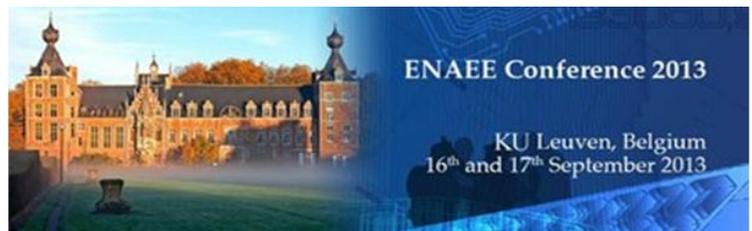
IIDEA is a joint initiative of IFEEES (<<http://www.ifees.net>>; International Federation of Engineering Education Societies) and SEFI (<<http://www.sefi.be>>; European Society for Engineering Education), whose leadership recognized the need to create a central place where engineering education institutions could come to search for capacity building opportunities.

Since its creation in 2011, IIDEA has been hosted by IFEEES <http://www.ifees.net/> and SEFI's Head Offices <http://www.sefi.be/>, located in Milwaukee (USA) and in Brussels (Belgium).

The IIDEA's co-directors are Dr. Jennifer DeBoer (MIT's teaching and Learning Laboratory) and, beginning, with June 2013, Prof. Erik de Graaff (NL), University of Aalborg, Dept. of Development and Planning.

ENAAE Conference 2013

On 16-17 September, ENAAE (European Network for Accreditation in Engineering Education) will organize, in conjunction with the SEFI Annual Conference, its 2013 Conference on the theme of "EUR-ACE® – The European Quality Label for Engineering Degree Programmes Impact and Perspectives".



Registration is possible on www.sefi2013.com and further information is available on www.enaee.eu.

FROM THE EUROPEAN UNION



Source: European Commission RAPID

Subject: EU high level group: train the professors to teach

Date published: June 18 2013

EU high level group: train the professors to teach

The EU high-level group on modernisation of higher education publishes its first report today on improving the quality of teaching and learning in universities. The group, chaired by former President of Ireland Mary McAleese,

makes 16 recommendations (see Annex 1) which include a call for mandatory certified training for professors and other higher education teaching staff, more focus on helping students to develop entrepreneurial and innovative skills, and the creation of a European Academy of Teaching and Learning.

Androulla Vassiliou, Commissioner for Education, Culture, Multilingualism and Youth, said:

"My goal in setting up the group was to encourage new thinking and ideas. Its recommendations are timely, practical and do not necessarily require large amounts of additional expenditure. Quality teaching in our higher education and training systems is crucial for ensuring that students are equipped with the right blend of skills for their future personal and professional development. The Commission will do all it can to support the implementation of these recommendations."



Mary McAleese, chair of the group, added: *"Quality teaching and learning depends on dedicated individuals and dedicated institutions, supported by policies that put teaching and learning at the centre. Higher education teaching staff have to be given the training and support they need to do an excellent job. Our report shows how this can be done."*

The group, which was set up by Commission Vassiliou last September, has consulted widely with stakeholders as part of its work. It found that many higher education institutes place insufficient emphasis on teaching in comparison with research, even though both are core missions of higher education. *"This needs rebalancing. The role of teaching in defining academic merit needs a stronger emphasis and recognition, especially in career terms,"* said the Commissioner. *"I very much welcome the proposal that all teachers in higher education should be taught how to teach."*

Next steps

The high level group will now begin work on the second part of its mission, focused on how to maximise the impact of new methods of delivering quality higher education, such as massive open online courses ('MOOCs'), which enable people to access higher education from their homes. Partners in 11 countries recently launched the first pan-European MOOCs with the support of the European Commission (IP/13/349<http://europa.eu/rapid/press-release_IP-13-349_en.htm>). The high-level group's next report is due to be published in June 2014.

Background

The work of the high level group<http://europa.eu/rapid/press-release_IP-12-976_en.htm?locale=en> is part of the Commission's strategy to support the modernisation of higher education in the Member States. A lot of progress has already been made in this area. The Bologna Process<http://ec.europa.eu/education/higher-education/doc1290_en.htm>;, for instance, has made it easier for students to study abroad and have their qualifications recognized throughout Europe. A new multidimensional university ranking system<<http://www.u-multirank.eu/>>;, initiated by the Commission and due to publish its first findings early next year, will facilitate comparisons between universities so that students are able to make a more informed choice about where to study.

The European Agenda for the modernisation of higher education,

<http://europa.eu/rapid/pressReleasesAction.do?reference=IP/11/1043&format=HTML&aged=0&language=EN&guiLanguage=fr> endorsed <http://register.consilium.europa.eu/pdf/en/11/st16/st16746.en11.pdf> by Education Ministers on 28-29 November 2011, identifies areas where EU countries need to do more to achieve their shared objectives and sets out how the European Union can support their modernisation policies. Priorities include improving the quality and relevance of higher education, so curricula meet the needs of students, employers and the careers of the future, as well as increasing the number of graduates. It promotes stronger cooperation between universities, businesses and research. The Agenda is a part of the Commission's wider Europe 2020 strategy to promote growth and jobs, in which education plays a key role.

Erasmus for All http://ec.europa.eu/education/erasmus-for-all/index_en.htm , the new programme for education, training, youth and sport, due for launch in January, will support policy reform in Member States, with a focus on

strengthening the evidence base for policy making and exchange of good practices. The programme is expected to have a budget of around € 14.5 billion for 2014-2020 - 40% more than the current programmes and will provide grants for 4 million people to gain international experience and skills through study, training or volunteering abroad.

For more information

The agenda for modernisation of higher education:

http://ec.europa.eu/education/higher-education/agenda_en.htm ;

The report is available:

http://ec.europa.eu/education/higher-education/doc/modernisation_en.pdf

European Commission: Education and training http://ec.europa.eu/education/index_en.htm ;

Androulla Vassiliou's website: http://ec.europa.eu/commission_2010-2014/vassiliou/index_en.htm ;

The annex can be found on: http://europa.eu/rapid/press-release_IP-13-554_en.htm .

Press release from the Council of Ministers

Agreement on the review of the Professional Qualifications Directive

The Committee of Permanent Representatives¹ today endorsed the agreement reached on 12 June between the Irish Presidency of the Council and the European Parliament representatives for the review of the Professional Qualifications Directive. The agreement paves the way for the formal adoption of the new directive by the European Parliament and the Council through a vote in the coming months (*10003/2/13*).

The review is aimed at making the current system of mutual recognition of professional qualifications more efficient in order to achieve greater mobility of skilled workers across the EU.

The proposal for amending the current Professional Qualifications Directive (2005/36/EC²) was presented by the Commission in December 2011 (*18899/11*) as a part of the twelve priority measures contained in the Single Market Act for promoting growth and job creation.

The main features of the agreement include the creation of a European professional card; changes to the current system, such as the insertion of the principle of partial access to certain professions and the clarification of training requirements, as well as measures for a better use of existing instruments such as the Internal Market Information (IMI) system³.

European professional card

The European professional card will be an electronic certificate issued by the professional's country of departure that will facilitate automatic recognition in the host country (the country where the professional seeks to establish himself).

The introduction of professional cards will be considered for a particular profession where:

- there is clear interest from professionals, the national authorities and the business community;
- the mobility of the professionals concerned has significant potential; and
- the profession is regulated in a significant number of member states.

Transparency of regulated professions

Currently, some 800 categories of regulated professions exist across the 27 EU member states. A regulated profession means that access to the profession is subject to a person holding a specific qualification, such as a university diploma, and that activities are reserved to holders of such qualifications.

The new directive, which seeks to reduce the number of regulated professions and to remove unjustified regulatory barriers, provides for a transparency exercise involving an evaluation of the justification of the need for regulation against the principles of necessity, proportionality and non-discrimination.

Individual professions

Under the new rules, the member states will promote the continuous professional development of professionals who benefit from the automatic recognition of their professional qualification, in particular, for doctors of medicine, medical specialists, general practitioners, nurses responsible for general care, dental practitioners, specialized dental practitioners, veterinary surgeons, midwives, pharmacists and architects.

The new directive foresees updating the minimum training requirements for these sectors.

Notaries have been excluded from the scope of the directive in view of the specific and differing regimes applicable to them in individual member states to access and exercise the profession.

Partial access

Directive 2005/36/EC only applies to professionals who want to pursue the same profession in another Member State. However, there are cases where the activities concerned are part of a profession with a larger scope of activities in the host member state. If the differences between the fields of activity are so large that in reality a full programme of education and training is required from the professional to compensate for shortcomings and if the professional so requests, a host member state shall under these circumstances grant partial access.

A member state will be able to refuse a partial access to a profession on the grounds of public health concerns. This may in particular be the case for health professionals.

Alert mechanism

The existing rules already provide for detailed obligations for member states to exchange information. These obligations will be reinforced. In future, competent authorities of member states will have to proactively alert the authorities of other member states about professionals who are no longer entitled to practice their profession due to a disciplinary action or criminal conviction, through a specific alert mechanism.

Common training principles

While taking into account the competence of member states to decide on the qualifications required for the pursuit of professions in their territory and on the organisation of their education systems, the development of common training principles will try to better respond to the needs of the professions.

Qualifications obtained under common training frameworks, based on a common set of knowledge, skills and competences or standardised training tests, will automatically be recognised by member states.

Professional associations and organisations which are representative at national or Union level will be able to propose common training principles.

Language skills

The review seeks to clarify certain provisions of the current rules that already provide for obligations for professionals to have the necessary language skills.

Competent authorities will be able to apply language controls after the recognition of the qualifications. It is important for professions with patient safety implications in particular that a language control be exercised before the professional accesses to such a profession.

Language controls should however be reasonable and necessary for the jobs in question and should not aim at excluding professionals from the labour market in the host member state.

Employers will also continue to play an important role in ascertaining the knowledge of languages necessary to carry out professional activities in their workplaces.

Recognition of traineeships

Given that national rules organising the access to regulated professions should not constitute an obstacle to the mobility of young graduates, when a graduate completes a professional traineeship in another member state, the traineeship will be recognised when the graduate applies for accessing a regulated profession in the home member state.

* * *

See also statement by the Irish presidency:

<http://eu2013.ie/news/news-items/20130612professionalqualificationspr/>

NEWS FROM EUROPE



New round of Institutional Evaluation Programme launched

The Institutional Evaluation Programme <<http://www.eua.be/iep/Home.aspx>> is designed for universities interested in developing a strategic response to challenges that they are currently facing and increasing their ability to anticipate, shape and respond to future challenges. Through a methodology that has been tested in 300 full and follow-up evaluations in 45 countries, institutions will benefit from the following: increased awareness across the university of the need to develop an internal quality culture, increased capacity for setting and implementing strategic goals, and an effective tool that may complement national quality assurance procedures.

The Institutional Evaluation Programme is characterized by its unique combination of an institutional approach, a European perspective through its experienced European teams, its philosophy as a supportive, peer-review based rather than judgmental procedure that takes into account the specific institutional and national context. Moreover, IEP is a full member of the European Association for Quality Assurance in Higher Education (ENQA) and is listed in the European Quality Assurance Register for Higher Education (EQAR).

The registration period for the 2013/2014 round of EUA's Institutional Evaluation Programme (IEP) is now open until 4 July 2013.

For further information on the Programme and how to register, please visit the IEP website: <http://www.eua.be/iep>

Source: European University Association



The 2013 Annual Conference of EUA

The 2013 Annual Conference of EUA, the European University Association, was organised at the University of Ghent (BE) on 11-12 April. Around 350 university leaders and higher education representatives gathered for the conference on "European Universities - Global Engagement". "Discussions throughout the conference confirmed that internationalisation is an issue which affects all elements of the university mission, which is why the development of strategic approaches has become a necessity for all European universities" (EUA News 8/2013).

The first session focused on "*New models of internationalisation: European policies, national priorities and institutional strategies*" and European Commissioner Androulla Vassiliou was invited to present a European perspective on the topic. She spoke about the need to be prepared to take on educational challenges that go beyond national borders and added that universities needed broader strategies such as joint degrees, support for capacity-building, joint research projects and distance learning programmes. The concept of "*internationalisation at home*" continued to be key to ensuring that the majority of students who are not in a position to study abroad can nevertheless enjoy the benefits associated with international exposure. Institutional perspectives were then provided by Ihron Rensburg, Vice-Chancellor of the University of Johannesburg, South Africa, and Luc Soete, Rector of Maastricht University in the Netherlands

Open call for tender EAC/09/2013

Study on Supporting the Entrepreneurial Potential of Higher Education

Date published: June 5 2013

Open call for tender EAC/09/2013 - Study on Supporting the Entrepreneurial Potential of Higher Education

Deadline: 30th August 2013

The European Commission launches an open call for tenders with a view to develop a stronger evidence base of the entrepreneurial potential of higher education and derive lessons for policy development. The study should help in gaining a better understanding of the effective possibilities of Higher Education Institutions in developing entrepreneurial activities, capabilities and characteristics.

Please click here <http://ec.europa.eu/education/calls/0913_en.htm> for more information.

5th Annual International Symposium on University Rankings and Quality Assurance

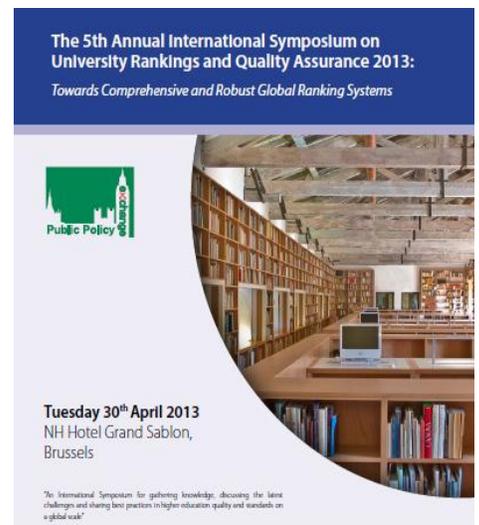
On 30th April, was held in Brussels the **5th Annual International Symposium on University Rankings and Quality Assurance** *“Towards a Comprehensive and Robust Global Ranking Systems”*.

The event was organised by the Public Policy Exchange (PPE), a UK organisation based in Brussels and working in close cooperation with the International Centre for Parliamentary Studies.

The event welcomed around 200 participants from Europe and the rest of the world who had the opportunity to listen and discuss the presentations of the following speakers: Prof. Carrion Garcia, Director Centre for Quality and Change Management, Valencia University of Technology (ES), Mr. Jordi Curell, Director LL Higher Education and International Affairs, European Commission, DG EAC (*“Analysing the Role and Implications of Global Ranking Systems for Universities”*), Mr. Gero Federkeil, CHE and VP of the Observatory on Academic Rankings and Excellence (*“A Multidimensional Approach to University Rankings - Striking the Balance”*), Mr. Phil Baty, Times Higher Education World University Rankings (*“Assessing the Impact of International Ranking Systems on Policy”*).

Details about U-Multirank can be found on www.u-multirank.eu and the Final report of the feasibility study can be obtained at http://ec.europa.eu/education/higher-education/doc/multirank_en.pdf

U-Multirank considers a first ranking to be published in **2014** (institutional ranking of whole institutions, and rankings for **4** academic fields: **Mechanical Engineering, Electrical /Information Technology, Business/Management, Physics**. The coverage will be minimum 500 institutions. Gradually, **it will be extended as far as the number of institutions is concerned** (+ 125 end 2014, + 250 end 2015, +125 end 2016) **and as far as fields are concerned** (+ 2-3 fields in 200-250 institutions end 2014, + 3 fields in 250-300 institutions end 2015 and + 3 fields end of 2016). The future fields will be computer sciences, sociology, psychology, music and social work in 2015, mathematics, chemistry, biology, health/life sciences (incl. medicine) in 2016, political sciences, education/welfare in 2017 ...



The recruitment of the institutions (500 targeted) will be done in **3 phases**: 1. 150 pilot institutions, with the involvement of networks, research intensive universities and individual expression of interest, 2. A country-specific recruitment (getting a certain number and scope per country on board) and 3. A targeted recruitment to ensure adequately balanced sample for the first rankings.

Details on THEWorldUniRank can be obtained through Facebook.com/THEworldunirank.

To have a better picture of the ranking question in Europe read the EUA's position relating to the U-Multirank on www.eua.be

1st CONFERENCE ON TECHNOLOGICAL INNOVATIONS IN NUCLEAR CIVIL ENGINEERING (TINCE)

Date and venue:

TINCE will be held on **29-30-31 October 2013, in Paris, France** at **Ecole Spéciale des Travaux Publics, du Bâtiment et de l'Industrie (ESTP Paris)**

www.tince-paris2013-c2s.com



Scope of the Conference

To bring together researchers and industrial practitioners from around the world to assess the latest frontiers of the civil engineering in the field of nuclear buildings.

During the last few decades several concerns have arisen from the construction of third generation nuclear power plant and the evolution of safety requirements.

Techniques and methodology have evolved as a result of these concerns.

The evolutions of how to treat these topics can be observed through the scope of:

- Improvement of design methodologies to handle more stringent requirements,
- Improvement of construction methodologies and materials to offer the capability of building from an ALARA perspective and accommodating durability concerns,
- Feedback of the recent past of nuclear construction.

In this very particular field, the IRC (Institute of Research in Constructability of ESTP Paris) and the GCN Chair (Nuclear Civil Engineering Chair of ESTP Paris) are organizing this international conference involving several experts in the field of civil engineering of nuclear buildings from several countries deeply invested in this topic.

The focus will be on innovations in construction and design procedures, the state of the art methods used, software development and industrial usage.

The purpose is to bring together academics and industry professionals to exchange theoretical and applied experiences in the field of civil engineering of nuclear buildings.

The format of the Conference will include lectures, oral presentations and poster sessions.

The 1st International Conference of the Portuguese Society for Engineering Education (CISPEE)



The 1st International Conference of the Portuguese Society for Engineering Education (CISPEE) will take place in Porto on October 31st and November 1st 2013, under the theme "**Education in Engineering: Challenges for Innovation**".

Engineering Education faces global challenges that are being widely and continuously studied worldwide. The first CISPEE edition occurs in the same year the *American Society for Engineering Education* (founded on 1893) organizes its 120th conference, thus confirming the importance and actuality of this area.

The [SPEE - Portuguese Society for Engineering Education](#), founded in 2010, aims to promote engineering education through better teacher pedagogical formation and personal development; projects dissemination and participation; and collaboration between national and international experts and institutions.

CISPEE will be a key opportunity to gather - in Portugal - a number of national and international experts in the area of engineering education, under the topics of the present SPEE working groups, namely:

- Engineering Ethics;
- ICT in Engineering Education;
- Continuing Engineering Education;
- Tools to Develop Higher Order Thinking Skills;
- Mathematics in Engineering Education;

A number of invited keynotes will enrich the discussion and opportunities for debate around other challenges engineering education faces today, namely:

- Accreditation and educational quality in engineering courses;
- Industry-Academia cooperation as a driving force for wealth and jobs creation;
- Promoting and disseminating science & engineering to society, through mass media;

<http://www.isep.ipp.pt/cispee/>

Workshop "Regulating access to professions: national perspectives"

ECCE President participated in the Workshop "**Regulating access to professions: national perspectives**" that were held on 17th June 2013, in Brussels.

Further to the Workshop, please note that the final agenda and all presentations are now available online on the following webpage:

http://ec.europa.eu/internal_market/conferences/2013/0617-access-professions/index_en.htm

The recording of the workshop can be found here:

<https://scic.ec.europa.eu/streaming/index.php?es=2&sessionno=2130eb640e0a272898a51da41363542d>



NEWS FROM THE REST OF THE WORLD

IETEC'13 - International Engineering and Technology Education Conference



IETEC'13 is the second conference in the IETEC series.

It will be held in beautiful **Ho Chi Minh City, Vietnam**, between **3 and 6 November 2013**. The IETEC'13 will explore issues related to the global future of engineering and technology education.

This conference aims to identify and explore the latest trends and developments that will shape the future worlds of engineering and technology education.

IETEC'13 SPECIAL FEATURES

1. Interactive workshops for all stakeholders.
2. Several special plenary sessions, such as CDIO.
3. The full papers submitted and presented at the conference will be considered by the award committee for the best paper awards of the IETEC'13.
4. The awarded papers and the other selected papers will be invited to publish in the special issues of International Journal of Quality Assurance in Engineering and Technology education (IJQAETE).
5. The selected papers of the IETEC'13 will be published in an edited book by IGI Global.
6. Exhibition stalls of engineering education books, softwares, tools and equipments.
7. Showcasing international universities and organisations.
8. Opportunities for international collaborations in engineering and technology education.

For full information see <http://www.ietec-conference.com/ietec13/>

CALENDAR

Date	Event	Place
01-06. 07. 2013	iCER 2013 CONFERENCE http://iceer2013.labader.org/	Marrakesh, MA



10-13. 09.2013	EAIE 2013 CONFERENCE http://www.eaie.org/home/conference/istanbul.html	Istanbul, TR
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16-17. 09.2013	ENAAE ANNUAL CONFERENCE http://www.enaee.eu/archives/5690	Leuven, BE
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16-20. 09. 2013	SEFI ANNUAL CONFERENCE 2013 - 40th anniversary of SEFI http://www.kuleuven.be/communicatie/congresbureau/congres/sefi2013	Leuven, BE
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14-15.10.2013 2nd EUCEET ASSOCIATION CONFERENCE

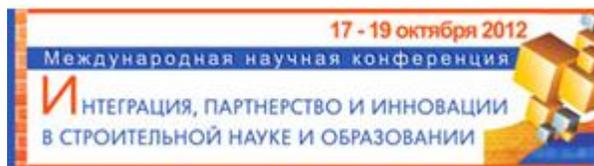
Moscow, RU

<http://euceet.mgsu.ru/en/>



17-19. 10. 2013 INTERNATIONAL SCIENTIFIC CONFERENCE *"INTEGRATION, PARTNERSHIP AND INNOVATIONS IN CONSTRUCTION SCIENCES AND EDUCATION"*

Moscow, RU



http://umd.mgsu.ru/index.php?option=com_content&view=article&id=360:-17-19-2012&catid=47:2012-06-22-14-10-39&Itemid=115