



EUCEET Association

# NEWSLETTER 4/2014

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## FROM THE EUCEET ASSOCIATION

### 7th General Assembly of the EUCEET Association

The 7<sup>th</sup> General Assembly of the Association took place in hotel and conference center “Best Western Vilnius”, located in Konstitucijos pr. 14, LT–09308 Vilnius, Lithuania, on Friday 24<sup>th</sup> October, kindly hosted by the Vilnius Gediminas Technical University.

The General Assembly was attended by 14 people, representing 11 institutions members of the Association, from 9 countries.



At the 7<sup>th</sup> General Assembly of the EUCEET Association was elected a new Administrative Council, having the following composition:

Photo taken at the conference center “Best Western Vilnius” which hosted the 7<sup>th</sup> General Assembly of the Association

No	Country	Name and Surname/Institution	Function
1	IT	<b>Diego Lo Presti</b> (University of Pisa)	<b>President</b>
2	UK	<b>Laurie Boswell</b> (City University)	<b>Vice-President</b>
3	BE	<b>Jean BERLAMONT</b> (Katholieke Universiteit Leuven)	<b>Member</b>
4	ES	<b>Jose TURMO</b> (Universitat Politècnica de Catalunya Barcelona)	<b>Member</b>
5	LT	<b>Linas JUKNEVICIUS</b> (Vilnius Gediminas Technical University)	<b>Member</b>
6	PL	<b>Piotr BERKOWSKI</b> (Wroclaw University of Technology)	<b>Member</b>
7	RU	<b>Vladimir ALEKHIN</b> (Ural Federal University Ekaterinburg)	<b>Member</b>

## The competition for Master Thesis in civil engineering

### EUCEET Association Competition

for a **Master Thesis** dealing with the topic

### **“STUDIES ON CIVIL ENGINEERING FOR A MORE RESILIENT SOCIETY”**

The EUCEET Association is launching a Competition for a **Master Thesis** dealing with the topic “*STUDIES ON CIVIL ENGINEERING FOR A MORE RESILIENT SOCIETY*”. All universities members of the EUCEET Association are invited to take part.

Phases of the competition are as follows:

- By the end of December 2014 universities should send to the EUCEET Association General Secretary ([manoliu@utcb.ro](mailto:manoliu@utcb.ro)) a *Letter of intention* to take part in the competition.
- By 15<sup>th</sup> July 2015, each participating university will select and send 3 proposals for the thesis to enter the competition
- By the end of July 2015, the jury designated by the Administrative Council of the EUCEET Association selects the best three thesis.
- By 1<sup>st</sup> August 2015, the results of the competition will be made public
- The following prizes will be awarded:
  - 1<sup>st</sup> prize: 500 EURO plus the full coverage of the cost incurred by the participation at the EUCEET Association Conference in Florence, on 24-26 September 2015;
  - 2<sup>nd</sup> prize 400 EURO;
  - 3<sup>rd</sup> prize 300 EURO.

Universities which announced so far the participation to the student contest are listed in the table below:

No	Country	University
1	Belgium	K.U. Leuven
2	Italy	University of Pisa
3	Poland	Wroclaw University of Technology
4	Russia	Perm National Research Polytechnic University



## European Civil Engineering Education and Training Association

### Call for papers for the 3<sup>rd</sup> EUCEET Association Conference

September 22-23, 2015  
Florence, Italy

The 3<sup>rd</sup> EUCEET Association Conference will be organized under the umbrella of the World Engineering Education Forum which will be held in Florence on 20-25 September 2015, with the topic "*Engineering education for a resilient society*"

The general theme of the EUCEET Association Conference is "**Resilience by design of civil engineering works**". Under this general theme, four main topics have been selected:

- water related problems;
- resilient infrastructures
- energy efficiency of buildings
- sustainable buildings.

Contributions to the four topics, as well as to other topics pertinent to the topics to be tackled by the Forum, are expected to be oriented more to the educational aspects than to the technical ones, giving relevance to how to teach resiliency and how to modify actual curricula. Examples of best practice in teaching, learning and assessment in civil engineering education, will be most welcome to be presented.

The Call for paper for the WEEF 2015 Forum "*Engineering education for a resilient society*" can be found on the site: <http://www.weef2015.eu/call-for-paper/>.

#### Instructions for authors

Abstracts should be prepared in English using 12 pt. Times New Roman font and should not exceed two pages (120 mm x 200 mm point area). Abstracts should be electronically submitted to the Secretariat of the EUCEET Association ([manoliu@utcb.ro](mailto:manoliu@utcb.ro)) before **1<sup>st</sup> March 2015**.

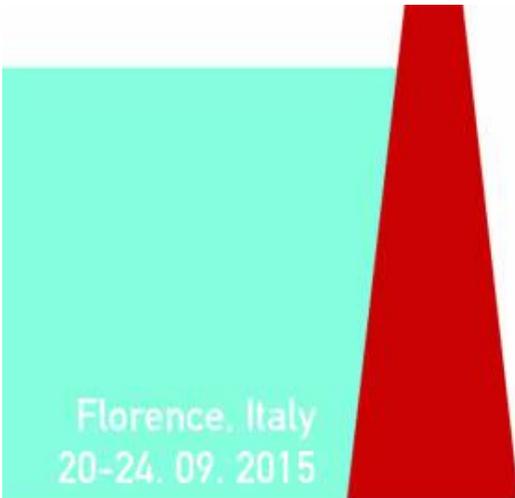
#### Important dates

- |                                       |               |
|---------------------------------------|---------------|
| • Last date for abstract submission   | 1 March 2015  |
| • Notification of abstract acceptance | 15 March 2015 |
| • Last date for paper submission      | 31 May 2015   |
| • Notification of paper acceptance    | 30 June 2015  |
| • Finalised manuscript submission     | 31 July 2015  |

#### Conference venue

The Conference will take place, as all other events of the World Engineering Education Forum, in the Congress and Exhibition Center of Florence.

Other information on the Conference will be given in a second bulletin.



**WEEF 2015**  
World Engineering Education Forum

**Engineering Education  
for a Resilient Society**

Florence, Italy  
20-24. 09. 2015

[www.weef2015.eu](http://www.weef2015.eu)

## WEEF – World Engineering Education Forum 2015

### ENGINEERING EDUCATION FOR A RESILIENT SOCIETY: CLIMATE, NATURAL RESOURCES, ENERGY, TERRITORIES, POPULATION

#### Call for Papers

##### 1. Background and Invitation

Countries, regions and cities are increasingly recognizing their vulnerability and their (in)ability to withstand and respond to crises induced by global concerns such as climate change, finance, energy and general resource scarcity, terrorism and civil unrest. At this moment of deep crisis of our socio-political, economic and environmental subsystems, we gradually move beyond the myth of unlimited growth for all and the dominant paradigm of attempting to control change while maintaining the status quo; hopefully in many cases, we start planning for alternative futures...

In this context, 'resilience' has become the new paradigm and a banner for various efforts aiming at planning the future across the globe. Following the ardent appeal to 'Resilient dynamism' by Christine Lagarde at the World Economic Forum on January 2013<sup>1</sup>, as well as Barack Obama's State of the Union speech on February 2013, resilience turns out to be the most important message in reference to the quality of life awaiting our planet. Resilience is *'the ability of an individual, a household, a community, a country or a region to withstand, adapt, and quickly recover from stresses and shocks such as drought, violence, conflict or natural disaster'* (European Commission, 2013<sup>2</sup>). The concept of resilience focuses therefore on the degree to which various environments and systems can tolerate changing conditions and circumstances before adapting and re-organizing around a new set of structures and processes. In this context, every country, its policies, its research, etc. will have to deal with and be directed towards the increase of the resilience of populations and territories, as well as of economic, cultural and environmental systems.

Even if the concept is often understood mainly as resilience to climate change and geo-environmental

<sup>1</sup> <http://reports.weforum.org/global-risks-2013/view/section-three/special-report-building-national-resilience-to-global-risks/>

<sup>2</sup> European Commission (2013). ECHO/EuropeAid Factsheet Resilience. Available at:

[http://ec.europa.eu/echo/files/aid/countries/factsheets/thematic/resilience\\_en.pdf](http://ec.europa.eu/echo/files/aid/countries/factsheets/thematic/resilience_en.pdf)

hazards, its utility has been soon generalized to comprise studies in engineering, in planning & development, as much as the social sciences. This is not at all surprising, considering the multifaceted nature of local and global challenges we actually face. The contemporary stakes require innovative and sustainable solutions in the creation of more resilient societies, which balance technological innovation, economic competitiveness, environmental protection and social flourishing. Multidisciplinarity is therefore a prerequisite for addressing effectively the complexity of situations met all too often in our 'risk societies' (see Beck, 1992<sup>1</sup>).

It is against this background that the World Engineering Education Forum 2015 focuses on and address the general theme of resilience to varying aspects and scales. There will be an opportunity to engage with the concept and explore its applicability and value in engineering education and in engineering overall. But, considering that it is also of importance to engage with a dialogue among disciplines in order to be capable to propose effective (that is holistic) solutions to future risks, the Forum will cede considerable space to interdisciplinary reflection on the notion of resilience, its utility and its limits. Besides, and in order to ensure a smooth passage in engineering education from the previous paradigms to that of resilience, a strand for 'teaching teachers', at university and pre-university level (elementary and high school) will be also of importance to the Forum.

Choosing Florence for the venue of WEEF 2015 is not a neutral choice, given that the city is historically hit by several devastating floods. Considering the rich learning experiences that these past events offer, as well as the upcoming (in 2016) 50<sup>th</sup> anniversary of the 1966 flood in Florence, the general theme of the Forum also connects to the Project 'Firenze 2016'. This latter aims at making up a comprehensive project of protection of population and goods, involving all concerned international, national, regional and municipal actors, such as cultural institutions, public and private entities, etc. Due to the joint involvement of the University of Florence, the Italian University Line (IUL), IFEES<sup>2</sup>, IGIP<sup>3</sup>, SEFI<sup>4</sup>, ENAEE<sup>5</sup>, EUCEET<sup>6</sup> as well as the GEDC<sup>7</sup>, it is expected that the debates will take special regard for cross-societal and cross-cultural themes, thus promoting exchanges between participants from all continents. We are confident therefore that innovative content will be infused to reflect the variety of local contexts and circumstances which offer true laboratories for studying the current challenges posed to engineering education by the need of moving towards a resilient society.

## 2. Core Topics of the Forum

WEEF 2015 will include the following strands, though not exclusively, given that issues that are in other ways relevant to the key theme will also be considered:

- ❖ Climatic change adaptation
- ❖ Natural disasters
- ❖ Growing population and urbanization
- ❖ Energy transition
- ❖ Biotechnologies
- ❖ Water crisis
- ❖ Food crisis

Paper submissions will be divided into the following Topics:

<sup>1</sup> Ulrich, Beck (1992). *Risk Society: Towards a New Modernity*. New Delhi: Sage. (Translated from the German Risikogesellschaft 1986).

<sup>2</sup> International federation of Engineering Education Societies, see <http://www.sefi.be/ifees/>

<sup>3</sup> International Society for Engineering Pedagogy, see <http://www.igip.org/igip/>

<sup>4</sup> Société Européenne pour la Formation des Ingénieurs, see <http://www.sefi.be/>

<sup>5</sup> European Network for Accreditation of Engineering Education, see <http://www.enaee.eu/>

<sup>6</sup> European Civil Engineering Education and Training Association, see <http://www.euceet.eu/>

<sup>7</sup> Global Engineering Deans Council, see <http://www.gedcouncil.org/>

- **Quality in Engineering Education**
  - Programme outcomes assessment (good practices)
  - Assessment of informal and nonformal student learnings
  - Impacts of Quality Assurance approaches on institutions and graduates
  - Engineering Education Research
  - Ethics and Engineering Education
  - Technical Teacher Training
- **Relevance of Engineering Education**
  - Academic-industry partnerships
  - Professional and continuing education
  - Mobility of students and recognition of degrees
  - Impact of globalization
- **Attractiveness of Engineering Education**
  - Global campuses
  - Online programs
  - MOOCs
  - Digital education
  - Online labs
  - Equity in Engineering Education
  - Open and project based learning
  - Women in engineering careers
- **Diversity in Engineering Education**
  - Role of diversity
  - Impact of diversity
  - Diversity programmes and initiatives
  - Discipline-specific methods
- **Innovation in Engineering Education and Curriculum Development**
  - Digital and online engineering education
  - Hybrid and blended learning
  - Flipped classrooms
  - Project based learning
  - New trends in engineering education
- **Sustainability issues such as:**
  - Sustainable Energy for all
  - Sustainability in the Supply Chain
  - Corporate Social Responsibility including:
    - Human rights
    - Good workplace practices
    - Environmental standards
    - Anti-corruption
- **Resilience by design of civil engineering works**
  - Water related problems
  - Resilient infrastructures
  - Energy efficiency of buildings
  - Sustainable buildings
- **General Topics**

New learning models and applications  
Collaborative learning  
Adaptive and intuitive environments  
Mobile learning environments  
Computer aided language learning (CALL)  
Educational MashUps  
Knowledge management and learning  
Evaluation and outcomes assessment

### 3. Paper Submission Process

14.11.2014 Call for papers published on weef2015.eu;  
15.01.2015 Official opening of the submission tool;  
15.03.2015 Deadline for full and short paper abstract submission;  
15.04.2015 Notification to authors about selected abstracts;  
15.05.2015 Deadline for complete paper submissions (selected full and short papers, posters, workshops);  
16.06.2015 Notification of acceptance;  
15.07.2015 Full papers ready for publication (proceedings on USB to be distributed to all forum participants).

## FROM MEMBERS

### École Spéciale des Travaux Publics, du Bâtiment et de l'Industrie, FR

Marie-Jo Goedert, Director of International Relations at ESTP, informed about the annual construction fair "Forum ETP".



Dear international partner,

As part of ESTP's close contacts to industry, its Student Union organizes each year a Fair where about 150 big or medium sized companies, mainly from the construction area, but also from other sectors (industrial eng., transportation,...), present their activities to about 4.000 visitors that consist mainly of students from the ESTP and other French institutions for Higher or Professional Education.

On Tuesday 13th January 2015, the Fair will take place at the Exhibition Hall at Porte de Versailles. We would like to invite your university/department to be represented at a common "international area" reserved for our international partners.

It could be a good way to promote your programmes to the students and you could also use this opportunity to get into contact with French companies.

Last year, 30 foreign universities participated and were a big success at the Fair.  
We do hope that your university will be represented this year!

As a participant you are invited to be our guest for the opening breakfast, the inauguration cocktail, the closing reception and the official lunch. The booth in the international area is free.  
Any representative from your university would be most welcome.

If yourself or any of your colleagues are not available to make the trip, maybe one of your students studying during the current academic year at ESTP or at another French school or university could represent your university / department or maybe one of our own students studying currently with you could come over and promote your department ?

If you are interested in attending yourself or sending a representative, we would be happy to get your confirmation before December 15th in order to be able to evaluate the size of the international area, according to the number of international guests. Please contact Mr. Emmanuel Hugon by mail [ehugon@adm.estp.fr](mailto:ehugon@adm.estp.fr) or by phone + 33 1 49 08 24 44.

Please send us some brochures and posters of your school that we will expose during the fair.

We do hope to be able to welcome you in Paris on January 13<sup>th</sup> 2015!

Kind regards

Marie-Jo Goedert

Director of international relations

## **Tomsk State University of Architecture and Building, RU**

**Prof. Anatoly Malinovski, Dean of Civil Engineering Department of Tomsk State University of Architecture and Building, sent the following news of interest for members of EUCEET Association:**



"Professors of Tomsk State University of Architecture and Building Vasiliy S. Plevkov and Oleg G. Kumpyak in cooperation with National Research Moscow State University of Civil Engineering issued textbooks on masonry and reinforced concrete structures and calculation of reinforced concrete structures according to Russian and foreign standards.

"Masonry and reinforced concrete structures" is recommended for Civil Engineering Bachelor Degree students and devoted to physical and mechanical properties of concrete, reinforcement and reinforced concrete as well as calculations of ultimate behavior of reinforced concrete structures. It also contains data on single and multi-

storeyed industrial buildings, masonry structures, tridimensional covers and special-purpose structures. Every lecture contains self-assessment section and sample calculations.

“Calculation of reinforced concrete structures according to Russian and foreign standards” is recommended for Civil Engineering Bachelor, Master Post-Graduate Degree students, designers and civil engineers and deals with fundamental principles of calculation and design of reinforced concrete structures in accordance with Russian, French, British, German and USA standards.

## ECCE – European Council of Civil Engineers, UK

### **60<sup>th</sup> ECCE General Meeting**

The 60<sup>th</sup> ECCE General Meeting was held on 17<sup>th</sup> – 18<sup>th</sup> October 2014, in Warsaw, in Poland, hosted by the Polish Chamber of Civil Engineers (PCCE). The International Conference “*Modern solutions in the bridges construction*” was held on 17<sup>th</sup> October 2014, organized by ECCE and PCCE, as part of the 60<sup>th</sup> ECCE GAM.

The President of the Polish Chamber of Civil Engineers, Mr. Andrzej R. Dobrucki opened the 60<sup>th</sup> ECCE GAM with a welcome speech and Mr. Janusz Piechociński, Deputy Prime Minister, Minister of Economy and Mr. Olgierd Dziekoński, Secretary of State in The President’s Office, honoured with their presence the event giving opening speeches. Among the distinguished guests that also attended the event were the following: Mr. Pawel Ziemski, the Deputy General Inspector of Building Control, Mr. Leszek Rafalski, General Director of the Road and Bridge Research Institute, Mr. Wojciech Radomski, Chairman of the Committee of Civil Engineering Polish Academy of Sciences, Mr. Ryszard Trykosko, President of the Polish Society of Civil Engineers and Technicians, Mr. Jaromir Kuśmider, President of the Publisher of the PCCE, representatives of the insurance company Ergo Hestia, with board member Mr. Adam Roman and from the PCCE members of the National Council, conference speakers and last but not least the Chairmen of regional chambers.



60<sup>th</sup> ECCE General Meeting – group photo

This Meeting was even more special for ECCE as the presentation of the second book prepared by the European Council of Civil Engineers on the subject of cultural and technical heritage in civil engineering and architecture took place. The book "[Footbridges – Small is beautiful](#)" which is the outcome of the hard work of the Task Force on Civil Engineering Heritage as well as of all the ECCE Members, was finally accomplished and published.

More information: [http://www.ecceengineers.eu/news/2014/60\\_ecce\\_meeting.php?id=41](http://www.ecceengineers.eu/news/2014/60_ecce_meeting.php?id=41)

## 2<sup>nd</sup> European Engineers' Day



### PRESS RELEASE / RESOLUTIONS : EUROPEAN ENGINEERS' DAY

Brussels, 20 November 2014

Today, the major European Engineers Federations (ECEC, FEANI and ECCE with the support of ENAEE, EFCA, CLGE and CLAIU\*) gathered in Brussels for the "European Engineers' Day".

The major subject of the event – which was attended by 150 participants from industry, academia and professional organisations – focused on "***Mobile Engineers build an Innovative Europe***": *the challenges of the engineering profession to meet the expectations of society and how EU policies can help the engineering profession to meet these expectations.*

The EU Institutions are herewith invited to acknowledge that:

- **Engineering solutions are** always designed with economic, safety and functionality considerations in mind. Many of today's societal challenges such as sustainability of the environment, aging infrastructures, deployment of innovative renewable sources of energy and economic growth are **of an international nature**. Therefore, **internationalization and cross-border recognition of engineering qualifications are important and vital to forge a better future for society**. International mobility is now a normal part of an engineer's career: the global engineering profession has developed tools to facilitate this and will continue to work across borders to promote excellence in engineering education and practice for the benefit of society.
- By the very nature of their professional and ethical commitment, professional engineers ensure that the public is protected from harm. To do so, **professional engineers must possess the relevant underpinning knowledge**

**and maintain their technical and managerial competence** so that they can deliver value to their clients in their chosen field of endeavor. The rhythm of new developments in science and technology implies for engineers, the need for updated life-long-learning in order to acquire new technologic knowledge and skills, and to maintain high professional standards. **The importance of quality assessment of their initial and continuing education needs to be recognized.**

- Engineers, through a combination of intellect, skill and ingenuity deliver the appropriate and sustainable solutions to some of the world's grandest challenges. Society today is surrounded by engineering products and inventions that allow both current and future generations to prosper and flourish. **Professional regulation, in its varying forms [whether voluntary or statutory], is the mechanism by which the public can be independently assured of an individual engineer's professional competence and personal commitment to be bound by professional codes of practice.**
- The evolution of engineering has always been associated with "investment, innovation and internationalization". Public and private investments are necessary for developing infrastructures and buildings. Innovation associated to new materials and technologies is paramount to the success of the construction companies. Due to the high complexity of engineering services and their technologies, it can be difficult for procuring authorities to compare the content of offers, which can lead to decisions based on the lowest price only. This may run contrary to the interests and intentions of the consumer/client and may lead to a lack of quality in the project, unfulfilled expectations in design and exaggerated unforeseen costs. **Therefore, a quality based contract award for engineering services is essential (most economically advantageous tender).**
- Micro-, small- and medium sized enterprises, which employ the majority of European engineers, including civil engineers, are at the core of the European economy. **The success of the European economy will depend upon our ability to unlock the potential of the SME-sector and our endeavors to support engineering entrepreneurship in our countries.** Only high-quality engineering services can guarantee that the costs of a project do not explode due to weak design. This is in the interest of each consumer/client and in the case of public procurement in the public interest.

(\*)

- ECEC : European Council of Engineering Chambers ([www.ecec.net](http://www.ecec.net))

- FEANI : European Federation of National Engineering Associations ([www.feani.org](http://www.feani.org))

- ECCE : European Council of Civil Engineers ([www.ecceengineers.eu](http://www.ecceengineers.eu))

- EFCA : European Federation of Engineering Consultancy Associations ([www.efcanet.org](http://www.efcanet.org))

- ENAEE : European Network for the Accreditation of the Engineering Education ([www.enaee.eu](http://www.enaee.eu))

- CLGE : Council of European Geodetic Surveyors ([www.clge.eu](http://www.clge.eu))

- CLAIU : Comité de Liaison des Associations d'Ingénieurs Universitaires ([www.claiu.org](http://www.claiu.org))



Photo taken at the Second European Engineers' Day

From left to right: Nicola Monda, Vassilis Economopoulos, Wlodzimierz Szymczak, Fernando Branco, Vincentas Stragys, Jose Francisco Saez Rubio, Platonas Stylianou

Ljubljana, December 9<sup>th</sup>, 2014

**“We wish to speak as one voice”**

is one of the messages of the

*“2nd European Engineers' Day: Mobile Engineers build an innovative Europe”*

With this letter we would like to inform you that recordings of the 2nd European Engineers' Day are now available for watching on the e-education platform of Slovenian Chamber of Engineers.

We are kindly inviting you to watch the speeches, lectures and interviews of this, for engineers of all kind, important event and are also asking you to share the information with all your respective members, co-workers, professional colleagues, business partners, as well as with all other persons and organizations that might be interested in this topics via direct mailing, posting the links on your web sites or any other appropriate communication channel you use and enable them to SPEAK AS ONE VOICE.

Link: <http://izs.mitv.si/asset/epw7YhPsReEqnPRZj>

## FROM PARTNERS

### SEFI 2015 Annual Conference “Diversity in engineering education: facing new trends in engineering”



## CALL FOR PAPERS

*Polytech Orléans (F) the School of Engineering of the University of Orléans  
29 June-2 July 2015*

### “Diversity in engineering education: facing new trends in engineering”

#### Sub themes

- Innovative pedagogical approaches to improve engineering education
- Diversity in engineering education and of engineering institutions
- Gender and diversity in innovation teams in engineering education
- Diversity and inclusion as business cases in technical research
- Engineering education as a vector for social advancement

#### MARK THE DATES !!!

Abstract submission: 19 January 2015

Notification of acceptance: 23 March 2015

Final paper submission: 27 April 2015

Deadlines and instruction for authors on [www.sefi2015.com](http://www.sefi2015.com)

Contact: [sefi2015@univ-orleans.fr](mailto:sefi2015@univ-orleans.fr)

#### Topics

- Eco design in engineering education
- Education concepts specific for engineering education
- Engineering education research
- Inclusive design in engineering education
- Language issues in engineering education
- Learning specific formats for engineering education
- Mathematics and engineering education
- New learning concepts for engineering education
- New education tools for engineering education
- Physics and engineering education
- Student as key actors in EE change process
- Clustering different types of engineering schools
- Entrepreneurship and engineering education
- Ethics in engineering education
- Industry and engineering education
- Integration of research in engineering education
- The importance of the Internships
- Specialized versus generic engineering education
- Attractiveness of engineering education (K-12, Primary and secondary)
- Continuing and lifelong learning engineering education
- Diversity in engineering education
- Gender in engineering education
- Retaining women to engineering
- Curriculum development
- Employability of engineering graduates
- Information and communication technologies
- Open and distance learning - MOOCs
- Globalization of EE
- Student international cooperation
- Accreditation of engineering education
- Biology and engineering education
- Quality assurance engineering education
- Sustainability of engineering education
- University - business: cooperation and inspiration

## FEANI press communication on the election of the new FEANI president

*Fédération Européenne d'Associations Nationales d'Ingénieurs*  
*European Federation of National Engineering Associations*  
*Föderation Europäischer Nationaler Ingenieurverbände*



**Brussels/Gdansk, 24 October 2014**

At its General Assembly in Gdansk of 10 October 2014, FEANI, the European Federation of National Engineering Associations, unanimously elected **Prof. Dr. José Manuel VIEIRA** as new President. This is his first mandate for three years as President after having been FEANI Executive Board member since 2011. Prof. J. VIEIRA succeeds Dr. Rafael ALLER from Spain.

In his application speech, Prof. VIEIRA emphasized his support of the FEANI Strategic Plan 2013-2017. He highlighted the FEANI mission of promoting the mobility, the education and the professional development of engineers in order to enhance the visibility of the value of engineers to society. He stressed in particular the importance of addressing issues related to young engineers. Considering that Europe is facing a vocational problem in attracting young people for engineering studies, he warned that this situation can significantly impact European supremacy on innovation and industrial competitiveness. Education and employment of young engineers being a European issue, FEANI and its National Members will plan and implement initiatives advocating the engineering profession, ideally with support of the industry and the European Institutions.



As further cornerstone of his mandate, Prof. J. VIEIRA emphasized the communication with and between the FEANI Member associations, for instance at the recently established “National Member Forum”. He furthermore advocated initiatives to reach utmost visibility for FEANI, for instance through regular conferences being organized in isolation or in connection with other stakeholders.

Prof. J. VIEIRA was born in Braga/Portugal. He is married and has three children. He is a Full Professor in the Department of Civil Engineering at the University of Minho and Head of Hydraulics Division. He is also Vice President of the Portuguese Association of Engineers (Ordem dos Engenheiros). Prof. J. VIEIRA has more than 35 years' experience from practically all aspects of engineering activities either in the private or in the public sector: be it projects and consultancy, teaching, management or R&D.

## 10<sup>th</sup> annual Civil Engineering Convention (CivilCon) Istanbul, 3-8 February 2015

### Invitation for Students

Civil Engineering Student Society, founded at the Civil Engineering Faculty of **Istanbul Technical University**, is organizing its annual **Civil Engineering Convention - CivilCon'15**.

**CivilCon'15** will be held on **3-8 February 2015** and will provide students participating in the event many opportunities for listening presentations delivered by successful engineers and businessmen from major companies of construction sector, to find jobs/ internships, to join competitions, technical tours and social activities together with participants from Turkey and from all around the world.

During the week, there will be various seminars given by CEO's, successful civil engineers and business people. These seminars will be accompanied by a variety of workshops and competitions. Furthermore we will be visiting construction sites in the city, and will be exploring the magnificent Istanbul with our foreign guests.

The goal is to gather civil engineers from all around the world to learn the depths of the sector, to develop ourselves, and to get ready for the engineering industry. We will appreciate if you could inform your students about this event, and support their participation to CivilCon'15.

More information: [civilcon.itumhk.com](http://civilcon.itumhk.com)



## 7<sup>th</sup> European Convention of Engineering Deans (ECED) "Engineering in a Global Context" Valencia, 26-27 March 2015

7<sup>th</sup> European Convention of Engineering Deans will be held at the Universitat Politècnica de València (Technical University of Valencia), in the School of Design Engineering (ETSID) from the 26th to the 27th of March, 2015.



The objective of this convention is to provide a framework for leaders and stakeholders in engineering universities and education and research institutions in Europe to share experiences and discuss key issues aimed at improving the strategies, policy and performance of Engineering Higher Education institutions.

A major strength of this annual international meeting, jointly organized by CESAER and SEFI, is that its outputs, results and conclusions are fed into the network of participating institutions, which contributes both to the individual growth of universities and to the enhancement of EU policy regarding engineering education and research.

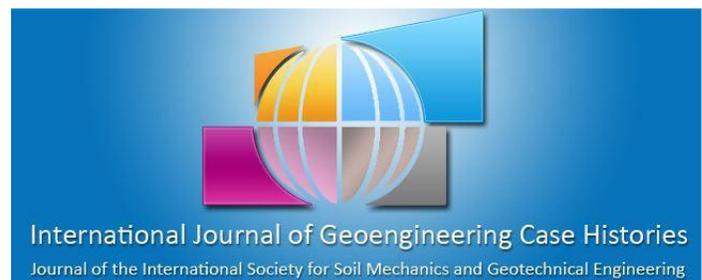
The convention incorporates general and specific working groups and networks and is addressed to University Presidents, Deans and Directors from all over Europe. The central theme of the 2015 edition of ECED is “Engineering in a Global Context” and the convention will also include several topic areas related to engineering education and research.

More on: <http://eced2015.webs.upv.es>

## International Journal of Geoengineering Case Histories

### CALL FOR PAPERS

The “International Journal of Geoengineering Case Histories” announces a Special Issue with the theme: “**Case studies developed for geotechnical engineering instruction**” planned to be published at the beginning of 2016. Abstracts-proposals are due by January 31, 2015, and full manuscripts by June 30, 2015.



#### Guest editor

Marina Pantazidou, National Technical University of Athens, Greece

Case studies have a special place in both geotechnical practice and geotechnical instruction. However, there is little systematic discussion on the distinguishing features that makes a case history more useful to practice or better suited for instruction. Moreover, there is no tradition of developing case studies as transferable educational products, with the purpose of being used in geotechnical engineering courses in

a variety of institutions and educational settings, much like textbooks. The aim of this special issue is to encourage such a tradition by soliciting case studies developed specifically for geotechnical engineering education in order to address specific learning needs and accomplish specific learning objectives (demonstrating the application of a particular theory, enabling active involvement of students with the case study material, etc.).

Although the term “case history”<sup>1</sup> is more common in geotechnical engineering, the term “case study”<sup>22</sup> is used herein mainly due to the prevalence of the term “case study method” used to describe an educational approach common in disciplines such as medicine, law, business, ethics. In geotechnical engineering, the term “case history” often carries a connotation of a historical case, analyzed at a later time, usually after a failure, at a level of detail not characteristic of a typical geotechnical project. To broaden the variety of available geotechnical engineering case studies used in instruction, this special issue invites the submission of papers focusing on all aspects of contemporary geotechnical engineering projects (field investigation, laboratory work, data interpretation, geotechnical design and analysis, post-construction monitoring). Authors are encouraged to accompany their paper with supplementary material, e.g. data, maps and figures, which will be published as supporting information.

Please contact the guest editor to express interest in contributing to the special issue by submitting a one-page abstract of the proposed contribution. The abstract should be between 300 and 500 words in length. The abstract should describe 1) the primary focus of the case study 2) the way in which the case study is (envisioned to be) used and in which (type of) geotechnical course and 3) the learning objectives to be accomplished by the use of the case study. Abstracts should include institutional affiliation of all authors and contact information of the lead author.

The abstract should be sent to:

Marina Pantazidou (mpanta@central.ntua.gr)

Abstracts will be reviewed by the guest editor. Full manuscripts will be submitted online and go through the standard review process of the International Journal of Geoengineering Case Histories (IJGCH). Papers will be prepared using the available template and should adhere to the guidelines of IJGCH.

### **Useful links**

- International Journal of Geoengineering Case Histories  
<http://www.casehistories.geoengineer.org/index.htm>
- Instructions for authors & paper template  
<http://www.casehistories.geoengineer.org/submission.html>
- Proceedings of the International Conference on Case Histories in Geotechnical Engineering  
<http://ICCHGE1984-2013.mst.edu>

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<sup>1</sup> a record of history, environment, and relevant details of a case especially for use in analysis or illustration (Online Webster)

<sup>2</sup> a published report about a person, group, or situation that has been studied over time;  
also: a situation in real life that can be looked at or studied to learn about something  
(Online Webster)

## Time schedule

Important deadlines are:

January 31, 2015: Submission of abstracts

February 28, 2015: Notification of status of submitted abstracts

June 30, 2015: Submission of full manuscripts

September 15, 2015: Reviews returned to authors

October 15, 2015: Submission of revised manuscripts

Initiation of review round #2 (if necessary)

December 15, 2015: Final decision on all papers

The special issue is planned to be published at the beginning of 2016.

The detailed announcement can be found on the site:

[http://casehistories.geoengineer.org/IJGCH\\_Special\\_Issue\\_CaseStudiesForEducation.pdf](http://casehistories.geoengineer.org/IJGCH_Special_Issue_CaseStudiesForEducation.pdf)

## FROM THE EUROPEAN UNION

### 9th European Quality Assurance Forum Changing education –

#### *QA and the shift from teaching to learning*



The 9<sup>th</sup> European Quality Assurance Forum (EQAF) took place from 13 to 15 November 2014 at the University of Barcelona, with over 450 participants in attendance.

Under the theme of “*Changing education – QA and the shift from teaching to learning*”, a range of trends and challenges were discussed, including the move towards student-centred learning; the importance of pedagogical training; opportunities and challenges created by technological advances, and the recognition of non-formal learning. Against this rapidly evolving backdrop, the Forum’s plenary sessions offered an opportunity for QA practitioners to reflect on the impact of these changes on QA and the role that it can play in meeting these challenges.



During paper sessions and workshops, concrete case studies and research results from a range of stakeholders were shared and explored. There were also opportunities for participants to learn more about the latest developments in European quality assurance policies, as well as to network with colleagues from across Europe.

Amongst the conclusions of the Forum was recognition of the need to take into account the different ways in which knowledge is transmitted, and the range of learning environments in which this takes place. The Forum also

highlighted the need for stakeholders to work collaboratively to assure the quality of all forms of learning and to support both teachers and students in benefitting from the opportunities that arise.

Those who were not able to attend the Forum can watch the recording of the first two plenary sessions, which are available online [here](#). Presentations and papers from the Forum are also available on the [EQAF website](#).

## Lifelong Learning Week 2014 - 'Building Together the Future of Learning'

Source: European Civil Society Platform on Lifelong Learning

The European Civil Society Platform on Lifelong Learning (EUCIS-LLL) is an umbrella association that gathers 36 European organisations active in the field of education and training, coming from all EU Member States and beyond. Currently these networks represent more than 45 000 educational institutions (schools, universities, adult education and youth centres, etc.) or associations (involving students, teachers and trainers, parents, HRD professionals, etc.) covering all sectors of formal, non-formal and informal learning. Their members reach out to several millions of beneficiaries.



EUCIS-LLL organized its 4<sup>th</sup> **Lifelong Learning Week** in the European Parliament in Brussels from 2 to 11 December 2014. The aim of the Lifelong Learning Week was to raise awareness of lifelong learning with a specific important topic and to bring visibility and create synergy between the work achieved by EUCIS-LLL and its members in 2014.

This year the Week was focus on the three pillars of our European Manifesto "*Building together the future of learning*": **ensuring accessible and quality learning for all, investing in the social dimension of lifelong learning and bringing the EU closer to its citizens**. We want to send strong messages on lifelong learning to policy-makers and, more particularly, Members of European Parliament. Our Civil Society Meeting Place will contribute to sharing practices and building stronger links between civil society and MEPs, since it provides an opportunity to have a dialogue between newly elected MEPs and civil society organisations in education, training and youth on the future of learning in Europe (see EUCIS-LLL [manifesto](#)).

More information: <http://www.eucis-lll.eu/news/eucis-lll-news/lifelong-learning-week-2014-building-together-the-future-of-learning/>

## News from Education, Audiovisual and Culture Executive Agency (EACEA)

### The Erasmus+ InfoDay: Knowledge Alliances and Sector Skills Alliances



The European Commission and the Education, Audiovisual and Culture Executive Agency (EACEA) organised an "*Info Day*" in Brussels to explain the funding opportunities available under "Knowledge Alliances" and "Sector Skills Alliances".

Speakers offered advice and tips on preparing and submitting proposals as well as providing support with the financial aspects of funding.

The videos of the event are available on: [https://eacea.ec.europa.eu/erasmus-plus/events/erasmus-plus-knowledge-alliances-and-sector-skills-alliances-infoday\\_en](https://eacea.ec.europa.eu/erasmus-plus/events/erasmus-plus-knowledge-alliances-and-sector-skills-alliances-infoday_en)

## NEWS FROM THE WORLD

### 4<sup>th</sup> Annual ASEE International Forum



The 4<sup>th</sup> Annual ASEE International Forum will be held in **Seattle, Washington, Sunday June 14, 2015**, immediately preceding the 2015 ASEE Annual Conference and Exposition at the Sheraton Seattle.

The purpose of the International Forum is to bring together engineering professionals in academia and industry from around the globe who are engaged in *novel engineering education initiatives* to share information on effective models, experiences and best practices.

The theme of the 2015 ASEE International Forum is ***Lifelong Learning for Engineers—Global Perspectives***, in recognition of the rapid and ongoing globalization of modern engineering practice and the necessity for learning at all stages.

Members of the ASEE community and their global partners are invited to submit abstracts for papers to be presented at the 2015 ASEE International Forum highlighting initiatives, projects, research, trends, programs and partnerships in international engineering education. There is particular interest in *engineering education activities involving at least two nations and how international partnerships are built, managed and evaluated*.

More information: <http://www.asee.org/conferences-and-events/conferences/international-forum/2015>

## 2015 ABET Symposium

Atlanta, Georgia, April 23 - 24, 2015

The ABET Symposium is the premier event in quality assurance and innovations in technical education worldwide. It brings together hundreds of leaders in academe, industry, and government, while promoting peer-to-peer and expert interaction around continuous quality improvement and ABET accreditation.

The program will consist of presentations from invited speakers and those selected through an open call for abstracts.



Higher education is facing an unprecedented period of change. Technical educators have a strong history of embracing disruptive forces, but as institutions face growing pressures from external forces to rethink and transform the way they operate, even technical programs will find themselves impacted.

Over recent years, government has played a diminished role in funding higher education institutions. At the same time, online and blended learning are transforming how education is delivered, and student demographics are shifting, all while tuition climbs and emerging alternatives to traditional on campus education raise questions about the efficacy of conventional institutional and degree structures.

The 2015 ABET Symposium will explore these topics through the lenses of three high-profile plenary speakers: Chancellor of the State University of New York [Nancy Zimpher](#) will articulate the change imperatives facing higher education and explain why technical educators need to be agents for embracing change in their institutions. Deputy Director, Postsecondary Success of The Bill & Melinda Gates Foundation [Jason Palmer](#) will offer insight on the growth in unconventional learning institutions and delivery methods as well as their implications for accreditation. Former Deputy Director of the National Security Agency (NSA) [Chris Inglis](#) will draw on his years at the agency to speak on the rapidly growing demand for cyber security professionals and the future of the nascent academic discipline.

More onformations: <http://www.abet.org/symposium/>

## CALENDAR

Date	Event	Place
23-25.04.2015	13 <sup>th</sup> International Conference on ENVIRONMENT, ECOSYSTEMS and DEVELOPMENT (EED '15)	Kuala Lumpur, Malaysia



<http://www.wseas.org/cms.action?id=8777>

20-22.05.2015	8 <sup>th</sup> International Conference on ENGINEERING MECHANICS, STRUCTURES, ENGINEERING GEOLOGY (EMESEG '15)	Konya, TURKEY
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<http://wseas.org/cms.action?id=8960>

22-23.09.2014	3 <sup>rd</sup> EUCEET Association Conference	Florence , ITALY
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23.09.2015	8 <sup>th</sup> General Assembly of the EUCEET Association	Florence , ITALY
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20-24.09.2015	World Engineering Education Forum 2015	Florence , ITALY
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<http://www.weef2015.eu/>