



European Society for Engineering Education  
Europäische Gesellschaft für Ingenieur-Ausbildung  
Société Européenne pour la Formation des Ingénieurs

## News@SEFI

### The European Engineering Education Information Bulletin

Issue 6/ 2015



#### **SEFI 2015 ANNUAL CONFERENCE**

**281 PARTICIPANTS FROM 38 COUNTRIES TO  
DISCUSS AND EXCHANGE ON  
DIVERSITY IN ENGINEERING EDUCATION**

#### **WEEF 2015**

**20-24 SEPTEMBER 2015, FLORENCE, ITALY  
ENGINEERING EDUCATION FOR A RESILIENT SOCIETY**

**DO NOT MISS THE SEFI-EEDC SESSION IN COLLABORATION  
WITH GEDC AND COPI ON SEPTEMBER 23.**

**MORE ON P. 8**





## “Diversity in engineering education: an opportunity to face the new trends of engineering ”

[www.sefi2015.com](http://www.sefi2015.com)

This year again the SEFI 2015 Annual Conference brought together a broad variety of Engineering Education actors from Europe and beyond. In total **281 Participants** from over **38 Countries** met this year at Polytech Orléans in Orléans, France.

We thank the organisers and all the participants for making of SEFI 2015 a truly memorable event.



The Conference was welcomed in Orléans by the University President **Prof. Youssef Touré**, the Director of Polytech Orléans and Conference chair **Prof. Christophe Léger** and **Mr Frézot**, Representative of the Region Centre. French National Organisations were also represented with **Prof. Le Gall**, Director [Réseau Polytech](#), **Mr. Mahieu**, President of [CTI](#) and **Prof. Cansell**, President [CDEFI](#).

Numerous representatives of our partner organisation honoured us with their presence and conveyed messages of their support for our ongoing cooperation during the opening ceremony, among which the President of [BEST](#), **Mr. Joao Clemente**, [WFEO](#) Executive Director **Tahani Youssef**, for [ASIBEI](#), **Prof. José Carlos Quadrado** and for [IGIP](#), **Dr. Eleonore Lickl**, while a message from the President of [CESAER](#), Rector Magnificus **Karel Luyben** was read by Prof. Luis Manuel Sanchez Ruiz and another message from [ASEE](#) was read by SEFI Secretary General Françoise Côme.

More than 150 papers were presented in the course of 7 parallel sessions covering the theme of the conference ***Diversity in engineering education: an opportunity to face the new trends of engineering*** and structured around different sub-topics such as 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 as well as other topics.

### Best Papers

Among the presented Papers, two have retained the attention of the scientific committee and have been rewarded with a Best Papers Awards, the first being **Breaking the Habit—new approaches in Engineering Education** by L. Steuer, T. Berg and C. Leicht-Scholten from GDI/RWTH Aachen University in Germany, the second being **Professors’ Perception of How Men and Women Students Experience Engineering Education Differently... Or Not** by K. Beddoes from Oregon State University in Oregon, USA. We congratulate again the authors for their outstanding contributions to our conference.

### Keynotes

Keynote presentations were given by **Joëlle Bonnet Mercedes Benz** (FR) on “Diversity management in Daimler”, **Teri Reed Texas A&M University** (US) on “Life in a Fishbowl: a Conversation on Inclusive Efforts in Engineering Education”, **Christophe Morace, ENSTA Bretagne** (FR) and **Alison Gourvès-Hayward**, Telecom Bretagne (FR) on “When is an Engineer, not an Engineer. An interdisciplinary Approach to Intercultural Management for Engineers”, and **Jette Egelund Holgaard Aalborg University** (DK) on “Embedding Sustainability in Engineering Identities” . The presentations will be made available shortly on [www.sefi.be](http://www.sefi.be) .

Another highlight has been our University-Business Plenary Round Table, chaired by **Mr. Xavier Fouger** from *Dassault Systèmes* and Member of the *SEFI Board of Directors*, with the participation of our corporate partners representatives: **Mark Fry**, from *Granta Design*, **Ray Hsu** from *National Instrument*, as well as **Alex Tarchini** from *Mathworks*.

### Workshops

Year after year we see also an increase in the number of workshops and meetings offered to the conference participants, the year only the conference hosted Workshops on Curriculum and Online Engineering Education, on Sustainability in Engineering Education, on Gender and Diversity, on Mathematics and Engineering Education, on Active Learning, on Engineering Education Research, on Quality Assurance and Accreditation, an open meeting of the Working Group Attractiveness in Engineering Education, the workshop of the **ReadySTEMgo project**, as well as on the **EPICES project** and the **QUEECA Project Dissemination Event**. Our Corporate Partner and Conference Sponsor **Mathworks** also offered well attended hands-on workshops on Arduino and RaspberryPi.

### SEFI Fellowships

While this conference experienced exceptional weather conditions, it was also the occasion to reward exceptional individuals. This year SEFI awarded two long lasting and dedicated members with a SEFI Fellowship.



Dr. Anette Kolmos (left)  
Prof. J. Holgaard and Prof. E. Nielsen receiving the fellowship on behalf of Dr. Anette Kolmos. (right)

The first being **Dr. Anette Kolmos**, UNESCO Chair for Problem-Based Learning in Engineering Science and Sustainability in Aalborg University, former President of SEFI, Founder of the SEFI working group on Engineering Education Research and of IIDEA—International Institute for the Development of Engineering Academics and recipient of the IFEEES Global Award for Excellence in Engineering Education.

The second recipient being **Prof. Oliver Moravcik**, Vice-Rector of the Slovak University of Technology of Bratislava (STU) in charge of strategic projects and development, former member of the SEFI Board of Directors, Organiser of the 2010 SEFI-IGIP Annual Conference held in Trnava, Slovakia, former Director for Advanced technologies Research Institute of STU and former Dean in STU.



Prof. Oliver Moravcik and President K. Hawwash.

### SEFI Leonardo Da Vinci Medal

This year also, another exceptional individual has been thanked for its long lasting work and contribution to Engineering Education. The 2015 Leonardo Da Vinci Medal was awarded to no other than **Mr. Charles Champion President of Airbus Operations SAS and Executive Vice President Engineering**. Mr. Champion has held major positions in Airbus thanks to his technical and managerial qualities. Mr. Champion is also a keen contributor to Engineering



Education, part of the “Fly your Ideas” initiative, a UNESCO supported global competition for Students, founder of the *Chair for Eco-Design of Aircraft* but more noticeably the establishment with the Global Engineering Deans Council of the *GEDC Airbus Diversity Award*, which recognises people and project worldwide that have brought diversity and inclusion into the engineering student body.

The speech of Mr. Champion will be made available online on [www.sefi.be](http://www.sefi.be), together with complementary information.



C. Champion receiving the award from SEFI President K. Hawwash

Ending this conference and on invitation of Polytech Orleans, we were presented with **Dr. Graciela Padoani**, from the University Centre-Val de Loire and Expert for the EACEA who shared views on the importance of training for the Skills of the Future following the European Modernisation Agenda for Higher Education.

This year again, Mathworks assisted us with a data visualisation of the Conference papers, allowing us to see that “students” were at the core of conference papers, and underlining also the evolution from 2014 to 2015 with a stronger appearance of content on Gender and Diversity. The presentation will be made available online on [www.sefi.be](http://www.sefi.be).

The closing ceremony was also the occasion of the formal signature of a **Memorandum of Understanding** between SEFI and BEST, signed by both Presidents, K. Hawwash for SEFI and J. Clemente for BEST.

We would like to offer our thanks to the Polytech Orleans team that hosted us and organised this memorable event, the Director Prof. Christophe Léger, the former Director and member of the SEFI Board of Directors Prof. Anne-Marie Jolly, Ms. Eugénie Largeau, Ms. Elise Peyrat, all the students and of course all those who contributed to this event, especially our wonderful participants.

**All pictures and presentations of SEFI 2015 will be made available on [www.sefi.be](http://www.sefi.be)**

At last but surely not least we would like to thank once more our sponsors

**GOLD +**



**SILVER +**



**BRONZE**



**We hope to see you all again in 2016 in Tampere!**



**44th SEFI Annual Conference**

**12-15 September 2016**

**“Engineering Education on Top of the World:  
Industry University Cooperation”**

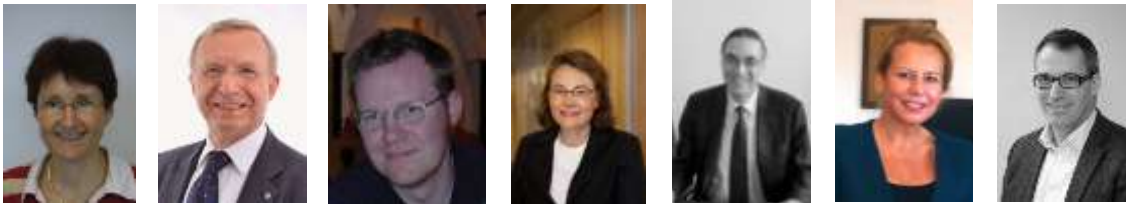
**The 45th Annual Conference of SEFI  
shall be organised by the Instituto Superior de Engenharia do Porto (ISEP) on 20-23 September 2017,  
in the Azores islands, on the theme of  
“Education Excellence for Sustainable Development”**

## SEFI GENERAL ASSEMBLY 2015

The General Assembly of SEFI met on Thursday 2 July 2015 in Orléans, with 58 members of SEFI present or represented and observers. Among the decisions taken the General Assembly, the SEFI action plan for 2015-2017 has been accepted unanimously, setting the course of actions in line with the long term priorities of the SEFI 2015-2020 strategy, the General Assembly also accepted the Budget for 2016, the 2015 Balance sheet and the unchanged membership fees for 2016.

Changes in the **working groups** have also been presented with the appointment of new officers and the transformation of the **Task Force on Skills** into a **Working Group**. The acting Chair of the Working Group on **Attractiveness**, **K. Schrey-Niemenmaa** (Metropolia University—FI) has been confirmed as Chair; the Chair of the Working Group on **Physics**, G. Langie (KU Leuven—BE), is replaced by **J. Tüli** (Tampere University of Applied Sciences—FI); the Working Group on **Continuing Engineering Education and Lifelong Learning** is placed under the leadership of Acting Chair **B. Norgaard** (Aalborg University)

The renewal of the **Board of Directors** has seen the election of Prof. **Yolande Berbers** (KU Leuven), Prof. **Manfred Hampe** (4ING), Prof. **John Mitchell** (U.C. London), Prof. **Katrina Nordström** (Aalto University), Prof. **Alain Rivière** (Supmeca), and Prof. **Sirin Tekinay** (Isik University) as well as the re-election of Prof. **Eskild Holm Nielsen** (Aalborg University) (*pictured left to right*).



The open **Vice-Presidency for 2015-2018** has seen the election of Prof. **Luis Manuel Sanchez Ruiz** (Universitat Politècnica de Valencia) .

*(Prof. Luis Manuel Sanchez Ruiz)*

We congratulate our new officers for their election, and salute our departing members of the Board of Directors, Prof. **Erik de Graaff** (Aalborg University), Prof. **Michael Hoffmann** (4ING) , Prof. **Tuncay Dogeroglu** (Anadolu University), Prof. **Brynjulf Owren** (NTNU), Mr. **Yiannis Pavlou** (National Instruments). We thank them for the responsibilities they took in our society for the last years.

Incoming President **Prof. Martin Vigild** (DTU—Technical University of Denmark) will take office from **Prof. Kamel Hawwash** (University of Birmingham) on the 1 October 2015.

*(Prof. Martin Etchells Vigild)*



New members of the Board of Directors, as well as our new Vice-President will also take office on the 1 October 2015.

### SEFI MEMBERS SURVEY ANNOUNCEMENT

Following the Working Group chairs' meeting held in Orléans, it has been proposed to send out a survey among the members of SEFI in order to assess their interest into joining one of the standing working group of SEFI.

This survey will be prepared during the summer and disseminated in September. More information will be available soon.

## FROM SEFI AND ITS MEMBERS

### CALL FOR PAPERS EUROPEAN JOURNAL OF ENGINEERING EDUCATION

Active Learning practices have been included in Engineering programmes following recommendations from Engineering professional associations like SEFI and the ALE network, political organizations like UNESCO, and national and international accreditation organizations of programs like ABET and EURACE. In order to revitalise the discussion of the meaning and usefulness of Active Learning in Engineering Education, the [European Journal of Engineering Education](#) presents this special issue to promote the investigation and reflective practice on this area of study.

It is our pleasure to invite teachers, researchers on Engineering Education, deans of Engineering Schools and professionals concerned with Engineering Education to submit a paper to this special issue in **Active Learning in Engineering Education**, of the *European Journal of Engineering Education*.

This special issue welcomes submissions that focus on the following issues (not limited to), related to **Active Learning methodologies and principles**:

- Designing learning environments
- Managing the Institutional change
- Preparing teachers and students
- Assessment of student learning
- Learning in teams
- Interaction with business organizations
- Interdisciplinarity
- Development of competences
- Innovative experiences in engineering education
- Innovation and Entrepreneurship
- Research in Active Learning
- Active Learning Classroom
- Active Learning and ICT support
- Education for sustainability
- Professional needs
- Other...

Papers that were submitted to conferences and add an excellent evaluation can be deeply revised and extended (in consideration of the *EJEE*'s high scientific standards) for submission to this special call. The editors of this special issue must be notified by email if this happens.

**Deadline for full papers: 5<sup>th</sup> September 2015**

Please find details on the complete call on <http://explore.tandfonline.com/cfp/est/ceee-cfp>

### EUROPEAN ENGINEERING DEANS COUNCIL

**EEDC**

SEFI European Engineering Deans Council

During the SEFI Annual Conference held at Polytech Orléans, France, Dr Mike Murphy was re-confirmed as chair of the European Engineering Deans Council ([EEDC](#)) for a further two year term. EEDC enables discussion of topics of interest to European engineering deans, and aims to formulate recommendations and to represent the European engineering deans at a global level. At the end of 2014, EEDC was successfully incorporated within SEFI, and is now the first SEFI Council to operate. Prof. Murphy also serves on the Board of Directors of SEFI.

### EUROPEAN PROJECT: READYSTEMGO WORKSHOP



A workshop of the ReadySTEMGo Project was held in Orléans during the SEFI Conference 2015 on July 2nd.

The early identification of students with an increased risk of failing in STEM study programmes constitutes an important challenge for contemporary STEM faculties. In Europe, there exists a large degree of heterogeneity regarding selection criteria and entry requirements for entering a STEM study programme and this influences universities' abilities to control the inflow of incoming students. In the current workshop, we aimed at an international exchange of good practices. In a first active phase, participants were invited to discuss both critical technical and critical non-technical competences that they consider as essential for incoming students. In a second active phase, participants talked about initiatives that are currently organized at different institutions to (1) gauge students' STEM readiness and (2) to support at risk students. In the majority of the participants' institutions, a strong emphasis is placed on prior mathematics achievement and the identification of at risk students is primarily restricted to measuring students' mathematical knowledge. Additionally, participants pointed at

the importance of academic writing and reading, time-management skills, effective learning strategies and independent learning. Interestingly, some participants indicated that STEM faculties should focus more on students' mindset in a way that first year students should be stimulated to go beyond core academic knowledge. In this respect, critical thinking and the role of a future self ('What is an engineer?' and 'What is engineering about?') were brought forward exemplary topics.

By Maarten Pinxten—Erasmus+ Strategic Partnership 2014-1-BE02-KA200-000462

For more information on this project please visit: [iw.kuleuven.be/english/readystemgo/about](http://iw.kuleuven.be/english/readystemgo/about)



## AALBORG UNIVERSITY UNESCO CENTER FOR PBL ANNUAL REPORT 2014

The Centre has been active in its various areas of focus - global networking, research, PhD supervision, training in sustainability and Problem-Based Learning, and associated outreach. In global networking, the 5<sup>th</sup> biennial International Research Symposium on PBL was held in San Sebastian in July 2015, five webinars, visitors workshops and open source activities have been organised, and a grant received from the Grundfos Foundation for open source activity and research. Externally funded research has also been supported by the Obel Foundation, the Danish Energy Foundation (energy and climate), DANIDA (Building Stronger Universities in Africa), and a mapping study of PBL in Africa and South America has begun. Five PhDs were awarded in 2014, several courses were organised and others are under development, including online distance PhD courses.

The establishment of a Task Force on Engineering and Science Education for Sustainability will promote activity in this area and includes the mapping of staff development in Denmark as part of an EU activity, a comparison of activity between Denmark and Australia, and fundraising to develop sustainability in engineering education. Staff development in PBL continued at Aalborg and elsewhere, with courses offered in Thailand, Russia and Ghana, and through the Master in PBL program. Numerous refereed papers, publications, keynote and other presentations have been made, and the flow of visitors to Aalborg developed - a global leader in PBL, where "Learning seriously affects your brain".

More information and full report on [www.ucpbl.net](http://www.ucpbl.net)

## INTERNATIONAL JOINT CONFERENCE ON THE LEARNER IN ENGINEERING EDUCATION IJCLEE 2015



A Joint Conference focus on the learner in Engineering Education was held on July 6-9 2015 in Orona Ideo (innovation city of Orona) Donostia - San Sebastian (Spain). This joint conference is hosted by **SEFI Member Mondragon University** in collaboration with **ALE** - Active learning in Engineering Education network, **PAEE** - International Symposium on Project Approaches in Engineering Education and **IRSPBL** - International Research Symposium on Problem Based Learning.

The central theme was focused on the learner in Engineering Education. Preparation for professional practice is important in training engineers. Collaborating in a small project group on a real-life engineering problem is clearly an excellent preparation for practice. The learner at the centre is a central theme shared by Active Learning in Engineering (ALE), Project organised Learning (POL) and Problem-Based Learning (PBL). Bringing together these three major innovative approaches in engineering education in one conference presented a great opportunity for cross fertilization and networking among engineering educators from all over the world.



Prof. A. Kolmos presenting during IJCLEE 2015.

Further information on this event will be published in our next issue.

More information on: [ijclee2015.mondragon.edu/en](http://ijclee2015.mondragon.edu/en)

## INTERNATIONAL INSTITUTE FOR THE DEVELOPMENT OF ENGINEERING ACADEMICS-IIDEA WORKSHOP



IIDEA is a joint initiative of SEFI and IFEEES (International Federation of Engineering Education Societies).

The IIDEA-Tsinghua workshop of Summer 2015 entitled *Authentic Learning in Engineering Education* was held on 10-11 July 2015. Based on two broad topics ( Training for Professional Competence and Problem-Based Learning Strategies) and sub-topics that intersect to support faculty and administrative development in integrating authentic learning into engineering education. Within each topic, both quality assurance and industry-university collaborations were covered. Facilitators noted

the relation of these topics to international accreditation accords as well as the local relevance to PETOE. This year also marks the 5th of the IIDEA-THUCEE workshops, and the introduction, celebration, and closing ceremony provided a chance to reflect back and look forward.

A report on this workshop will be available shortly on [www.iideainstitute.org](http://www.iideainstitute.org)

## IN BRIEF

Our Board of Director member, **Prof. Jerzy Rutkowski** (Silesian University of Technology) will represent SEFI at the BEST Event on Education, "Teaching with Technology" session, to be organized on 29-30 of July in Bratislava. He has also been invited to be a keynote speaker of a conference on "Teaching with Technology", *Smart Education and e-Learning (KES-SEEL-15, Sorrento)* <http://seel-15.kesinternational.org/index.php>



We congratulate our newly elected Member of the Board of Directors **Prof. Sirin Tekinay**, who took office as Rector of ISIK University in Istanbul as of July 1 2015.



We congratulate **Dr. Jozsa Janos** that for his election to the position of Rector of the Budapest University of Technology and Economics.



## OBITUARY

It is with grief that we share with you the passing of former SEFI president Professor Paul Wuori on June 14 2015.

Originally from Helsinki University of Technology (now Aalto), Prof. Wuori has always been a keen educator and supporter of SEFI. Despite his age he was attended the celebrations of the SEFI 40th Anniversary and we were honored by his presence.

We would like to express our deepest sympathies to his family and his dedicated daughter Eva for their loss.



From 20 to 24 September 2015, WEEF 2015 will bring together events from IFEES, IGIP, SEFI/EEDC, ENAEE, EUCEET, IACEE, IIDEA, SPEED, BEST...

Please find the complete programme online on [www.weef2015.eu](http://www.weef2015.eu)

Do not miss the SEFI/EEDC tracks on September 23, 2015  
in collaboration with GEDC and CoPi

**A Morning Plenary Panel Session on Resilience and Engineering Education** chaired by **Prof. Mike Murphy** SEFI/EEDC (Dublin Institute of Technology, IER), with the participation of **Prof. Kamel Hawwash**, SEFI (University of Birmingham, UK) on "Engineering Education for Resilience or Grand Challenges?", **Prof. Antonia Moropoulou**, SEFI (NTU Athens, GR) on "The role of the engineer in protection and restoration of heritage and buildings", **Prof. Sirin Tekinay**, GEDC and EEDC, Rector University of Isic, TR, **Prof. Marco Tubino**, Copi, University of Trento, IT (tbc).

**An Afternoon Workshop on Attractiveness and Engineering Education**, moderated by **Prof. John Beynon**, GEDC Chair, with the participation of **Prof. Martin Vigild**, SEFI Incoming President, DTU (DK), **Dr. Mike Murphy**, SEFI EEDC Chair, DIT (IER), **Prof. Antonia Moropoulou**, SEFI VP, NTUA (GR), and representative from **BEST, CoPi** and **GEDC** (tbc)

More information on [www.weef2015.eu](http://www.weef2015.eu)



## FROM OUR PARTNERS

### BEST



As of the 1st of July, mandates within BEST have changed .

The new President of BEST is **Joao Ramos Clemente** from Lisbon, who has signed the Memorandum of Understanding between SEFI and BEST.



We look forward to further and strengthened cooperation in the year to come, and wish all the best to the new President of BEST, may SEFI and BEST have a bright future in improving education in Europe!

More information on [www.best.eu.org](http://www.best.eu.org)

### REES 2015



The 2015 Research in Engineering Education Symposium is being held in DIT, Dublin, Ireland from July 13 to July 15 2015. The symposium follows on from the success of ICREE 2007 in Hawaii, USA, REES 2008 in Davos, Switzerland, REES 2009 in Palm Cove, Queensland, Australia, REES 2011 in Madrid, Spain and REES 2013 in Kuala Lumpur, Malaysia.

This symposium is held in collaboration with the Research in Engineering Education Network (REEN). REEN is an international forum for scholars interested in discussing and advancing research in engineering education. It aims to bring together the growing international community of engineering education researchers. This vibrant and welcoming community nurtures developing researchers through collaboration and sound methodological approaches to address the challenges within Engineering Education.

SEFI Working Group Chair on Research in Engineering Education , Prof. Robin Clark will attend, among other SEFI colleagues.

More information on [www.rees2015.org](http://www.rees2015.org)

A report on this event will be made available in an upcoming issue.

### 10TH WORLD CONGRESS ON ENGINEERING EDUCATION



This Congress will be organised on 29-30 October 2015 in Beirut, Lebanon on the topic *Engineering Education for Sustainable Development* is organized by the World Federation of Engineering Organizations – Committee of Education in Engineering (WFEO-CEIE) in collaboration with the Federation of Lebanese Engineers (FLE), the Federation of Arab Engineers (FAE), the American Society of Engineering Education (ASEE), and the American Society of Civil Engineers (ASCE).

The Congress themes are diverse and offering a broad approach on the challenges of engineering education such as Engineering Education, and policy knowledge base relevant to sustainability; Innovations in education and learning research; Education on engineering sustainability, with particular emphasis on socioeconomic and environmental implications; ... Prof. Kamel Hawwash has been invited to offer a keynote during this event and SEFI Secretary General Françoise Côme will be attending too.

More information on [www.wfeo-ceie.org](http://www.wfeo-ceie.org)

### WECC 2015 – WORLD ENGINEERING CONFERENCE AND CONVENTION

The World Engineering Conference and Convention (WECC2015), the 5th WECC, will be held in Kyoto, Japan, in 2015. This event will showcase Japan as a nation built on scientific and technological innovation to achieve sustainable development in the 21st century. WECC2015 will also provide a forum for sharing information focused on innovations required to make sustainable development a reality and advances in fundamental technologies to achieve this vision. Adopting both local and global perspectives, WECC2015 aims to make a productive contribution to worldwide peace and socioeconomic progress.

From the perspective of “Engineering for Society and Engineering in Society”, WECC2015 intends to strike a balance between the innovation that engineering aims to achieve and presentations by engineers and researchers who will provide the basis for such innovation.

Reflecting this approach, the overall conference theme will be “**Engineering: Innovation and Society**”.

More information on [www.wecc2015.info](http://www.wecc2015.info)

## EQAR REVISED ESG ADOPTED IN YEREVAN



At the ninth EHEA Ministerial Conference, Ministers adopted the Yerevan Communiqué including the Revised Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG) and the European Approach for Quality Assurance of Joint Programmes.

The revision process started in 2012, when Ministers mandated the E4 group in cooperation with Education International, BUSINESSEUROPE and EQAR to revise the ESG in order “to improve their clarity, applicability and usefulness, including their scope” and submit their proposal to the Bologna Follow-Up Group (BFUG).

The EQAR Register Committee has been preparing for the adoption of the Revised ESG at various stages of the process and on different levels.

The Revised Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG) as well as the European Approach for Quality Assurance of Joint Programmes can be found on the EQAR website.

More information on [www.eqar.eu](http://www.eqar.eu)

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# CALENDAR



## JULY 2015

### **01-03 Copenhagen, DK**

126th EAEEIE Annual Conference ([link](#))

### **06 - 10 San Sebastián, ES**

International Joint Conference On The Learner In Engineering Education (IJCLEE 2015) ([link](#))

### **10-11 Beijing, CN**

IIDEA Workshop ([link](#))

### **13-15 Dublin, IE**

REES2015 ([link](#))

### **29-31 Santo Domingo, DO**

XIII LACCEI Conference ([link](#))

## AUGUST 2015

### **06 Kuala Lumpur, MY**

I-PHEX Exhibition ([link](#))

### **31 - September 3<sup>rd</sup> Athens, GR**

IECMSA-2015 ([link](#))

## SEPTEMBER 2015

### **4-8 Elenite, BG**

6th International Conference "Education, Research & Development" ([link](#))

### **14-17 Addis Ababa, ET**

IEEE AFRICON 2015 ([link](#))

### **15-18 Bolivar, CO**

ACOFI annual Conference 2015 ([link](#))

### **15-18 Glasgow, UK**

European Association for International Education Annual Conference ([link](#))

### **20-24 Florence, IT**

WEEF 2015 ([link](#))

With Events from IGIP / ICL2015, IFEES, SPEED, IACEE...

### **23 Florence, IT**

SEFI/EEDC tracks with the cooperation of GEDC and CoPi see p. 8

### **24 Florence, IT**

QUEECA Project Final Event ([link](#))

### **21-23 Durban, ZA**

9th Annual Teaching & Learning in Higher Education Conference ([link](#))

### **21-25 Abudja, NI**

7th International Conference On Quality Assurance in Higher Education In Africa ([link](#))

### **24-25 Vilnius, LT**

University-Business Forum Developing Talents for innovation-based economies ([link](#))

## OCTOBER 2015

### **14-15 Singapore, SI**

OECD Conference on Higher Education Futures ([link](#))

### **15/16 Brussels, BE**

SEFI Steering Committee meeting (*provisional date*)

### **29-30 Beirut, LB**

WFEO World Congress On Engineering Education see p. 9

## NOVEMBER 2015

### **Brussels, BE**

SEFI Board of Directors Meeting  
*date to be decided in August 2015*

SEFI's event or SEFI related event

SEFI's partners events

Please find the complete list of our upcoming events on [www.sefi.be](http://www.sefi.be)

## INTERNATIONAL PRESS REVIEW

### EU NEWS



#### Thematic University-Business Forum: Developing Talents for innovation-based economies

The registration to the next Thematic University-Business Forum, which will take place on 24-25 September 2015 in Vilnius and Kaunas, Lithuania, is open.

Past Forums have demonstrated that better dialogue and closer cooperation between universities and companies can make a substantial and positive contribution to Europe's efforts to make our education and training systems more effective and efficient, thereby supporting our economic and social development. The previous forums have been highly successful and led to very tangible results including the launch of the Knowledge Alliances under the new Erasmus+ programme and the creation of the HEInnovate self-assessment tool for entrepreneurial HEIs.

The Forum in Vilnius and Kaunas will bring together around 200 high-level representatives from higher education, business as well as national, regional and local authorities from Europe and beyond. The language of the conference is English; interpretation to Lithuanian will be provided for the plenary sessions.

More information on [www.ubforum-lithuania.eu](http://www.ubforum-lithuania.eu)

### INTERNATIONALISATION

#### Global university rankings in Russia and CIS members

*Higher Education in Russia and Beyond* presents the fourth issue of a bulletin that is aimed at bringing current Russian, Central Asian and Eastern European educational trends to the attention of the international higher education research community. The new issue is devoted to global university rankings.

Can one improve their ranking positions fast? And should they? Can one do that without losing their organisational identity? These are now essential questions for many universities in Central European countries, Russia, and the members of the Commonwealth of Independent States.

HERB #4 is divided into three sections. The first one discusses university rankings as an instrument of power rather than measurement. Global rankings are becoming more and more influential, which causes endless criticism regarding their role in the development of higher education. The second part includes articles dedicated to the prospects of the universities situated in the HERB region. The authors have analyzed the efforts and challenges related to the development of universities' international performance in several countries and regions. The third part contains case-studies of certain excellence initiatives.

More information on [herb.hse.ru/en](http://herb.hse.ru/en)

### PUBLICATIONS

#### The Teaching Profession in Europe: Practices, Perceptions, and Policies

This Eurydice report analyses the relation between the policies that regulate the teaching profession in Europe, and the attitudes, practices, and perceptions of teachers. The analysis covers aspects such as initial teacher education, continuing professional development, transnational mobility, as well as teacher demographics, working conditions, and the attractiveness of the profession.

The report focuses on almost two million lower secondary education teachers employed in the 28 EU Member States, Iceland, Liechtenstein, Montenegro, the former Yugoslav Republic of Macedonia, Norway, Serbia, and Turkey. It is based on Eurydice and Eurostat/UOE data, as well as on a secondary analysis of TALIS 2013, combining qualitative and quantitative evidence. The reference year is 2013/14.

More information on [eacea.ec.europa.eu/education/eurydice](http://eacea.ec.europa.eu/education/eurydice)



SEFI is the largest network of higher engineering education institutions (HEIs) and educators in Europe.

It is an international non-profit organisation created in 1973 to contribute to the development and improvement of HEE in Europe, to reinforce the position of the engineering professionals in society, to promote information about HEE and improve communication between teachers, researchers and students, to reinforce the university-business cooperation and to encourage the European dimension in higher engineering education.

Through its membership composed of HEIs, academic staff, students, related associations and companies, SEFI connects over 1 million students and 158000 academic staff members in 48 countries.

To reach its goals, SEFI implements diverse activities such as Annual Conferences, Ad hoc seminars/workshops/councils organised by its thematic working groups and committees, SEFI organises European Engineering Deans Conventions, publishes a series of Scientific publications (European Journal of Engineering Education) and Position Papers, is involved in European projects, cooperates with other major European and international associations and international bodies (European Commission, UNESCO, Council of Europe, OECD).

SEFI also participated in the creation of numerous international organisations such as [ENAAE](#), [IFEES](#), [EuroPace](#), [IACEE](#), [IIDEA](#), or [EEDC](#).

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