



EUCEET Association

# NEWSLETTER 2/2018

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## FROM THE EUCEET ASSOCIATION

### 4<sup>th</sup> EUCEET Association Conference

#### “Challenges for the Third Millennium”

The 4<sup>th</sup> EUCEET Association International Conference will be organized in Barcelona, on 5<sup>th</sup> - 8<sup>th</sup> **September 2018** by the Barcelona School of Civil Engineering (Department of Civil and Environmental Engineering) of the Technical University of Catalonia, BarcelonaTech, and EUCEET (European Civil Engineering Education and Training) Association.

#### Conference Venue

Barcelona School of Civil Engineering (ETSECCPB)  
 Technical University of Catalonia, BarcelonaTech  
 C / Jordi Girona 1-3, C2  
 08034-Barcelona, SPAIN  
<https://camins.upc.edu/en/school/location>



UNIVERSITAT POLITÈCNICA DE CATALUNYA  
 BARCELONATECH

Escola Tècnica Superior d'Enginyers  
 de Camins, Canals i Ports de Barcelona

#### Important dates:

Call for Abstracts	December 2017
Deadline for Abstract Submission	February 26 <sup>th</sup> , 2018
Notification acceptance of Abstracts & Call for Papers	March 7 <sup>th</sup> , 2018
Deadline for Paper Submission	May 7 <sup>th</sup> , 2018
Notification acceptance of Papers	May 22 <sup>nd</sup> , 2018
End of Early Bird registration	June 21 <sup>st</sup> , 2018
Conference	September 5 <sup>th</sup> - 8 <sup>th</sup> 2018

Two lectures will be delivered in the programme of the conference:

❖ **Maria Rosa Buxarrais**  
*"Ethical competencies in Higher Education"*

**Abstract:**

*Higher Education encompasses three interconnected dimensions:*

- 1) A dimension related with the construction and transmission of the scientific, technical, cultural and humanistic knowledge.*
- 2) A political and social dimension linked to the implication in the society and in the democratic principles development.*
- 3) An ethical dimension bound together with and activity compromised with the justice, the people's and communities' dignity and human rights.*

*Since Higher Education must train competent professionals who are to analyse their own practises, we will consider the third dimension. Furthermore, they must be able to evaluate their actions, their perceptions, their beliefs and their thoughts, not only as professionals in their field of knowledge but as compromised citizens as well. Thus, the training of the ethical competence is necessary to develop ability of reflection, analysing and the taking of a post. Here we are going to ask ourselves questions related to the teacher practises and the ethical learning in the higher education.*

**Maria Rosa Buxarra** is Professor of Pedagogy at the University of Barcelona, B.A in Psychology and a B.A. and PhD in Education. Founding member (1989) and the lead researcher of the Research Group of Moral Education (GREM).

Responsible from 1995 until 2005 for the Democracy and Education Program of the Organization of Iberoamerican States for Education, Science and Culture (OEI).

Member of Editorial Board of the Journal of Moral Education (2002–2012) and Editor of the books series on Values Education in Spanish Editorial Desclée Brouwer (Bilbao).

Currently, member of the Editorial Board of the book series Moral Development and Citizen Education, by Sense Publishers (The Netherlands).

Head of Research at the Institute of Education Sciences (IDP-ICE) at University of Barcelona and also Director of the Observatory of Civics and Values in Catalonia of the Generalitat de Catalunya.

Her research is focused on four main topics: families and education in values, moral education in the curriculum, adolescence and moral values and volunteering as active citizenship, and Higher Education and Ethical competencies.



**❖ Jaime Freyre de Andrade**

*“Education: Challenges for successful civil engineering projects”*

**Abstract:**

*Complexity of civil engineering projects is growing by the day. Not only technical advances allow construction of taller, wider, deeper and longer infrastructure but the size of the projects as a whole is bigger nowadays than ever. Mega projects, whose budgets can reach up to 1000 M€, involves not only multidisciplinary teams, but also international ones involving designers and contractors working altogether. For the success of these works, cutting edge techniques have to be mastered by all skate holders. Commitment and attitude is also essential and not always present in younger generations. Surprisingly, in the era of social networks, mobile phones, instant text messaging and email, communication might not be as effective as it was in the past. This lecture will give us some insight in some common issues to be faced in the civil engineering educational system to train efficient professionals.*

**Mr Jaime Freyre de Andrade** (1974) got his Master of Science in Civil engineering from the prestigious School of Civil Engineering of Santander, University of Cantabria, Spain (1998). Since then, he has held different managerial positions in the Civil Engineering Business.

From 2006 to 2011 he was COO for Civil works in the Andalusia region of the Spanish firm Fomento de Construcciones y Contratas (FCC Construction).

He was Business Area Manager for Alpine Bau GmbH.- FCC, Vienna - Austria during the restructuring process of the company. He was CEO North America for FCC Construcción S.A., New York (2011-2013), managing the Toronto - Spadina Subway (400 Million USD) and Gerald Desmond Bridge Replacement (DB) (650 Million USD).

He was Project Director of the FAST Consortium (King Abdulaziz Riyadh Metro Project Package 3, Saudi Arabia), a Design and Build turnkey project of 8.000 Million USD from 2013 to 2016.

At present, he is Major Projects Project Director of SNC Lavalin, Montreal - Canada, managing a Design and Build turnkey project of 5.000 Million CAD for 67Km of LRT System.



**TENTATIVE SCHEDULE:**

DATE	TIME	Event
Wednesday 5 <sup>th</sup> September 2017	18:00-20:00	Early registration and Welcoming Reception.
Thursday 6 <sup>th</sup> September 2017	08:00 -08:30	Registration
	08:30 - 18:00	Conference
	18:00 - 19:30	EUCEET Association General Assembly
	20:00	Gala Dinner
Friday 7 <sup>th</sup> September 2017	09:00-14:30	Conference
	16:30-19:00	Technical Visit - Sagrada Familia
Saturday 8 <sup>th</sup> September 2017	10:30-12:30	Technical Visit – F.C. Barcelona

**PROGRAMME OVERVIEW**

Time	Activity	Venue
<b>WEDNESDAY, SEPTEMBER 5, 2018</b>		
18:00 - 20:00	Welcome Reception	
<b>THURSDAY, SEPTEMBER 6, 2018</b>		
08:00 - 08:30	Registration	
08:30 - 09:00	Opening Ceremony	
09:00 - 10:45	Keynote Lectures	
10:45 - 11:15	Coffee Break	
11:15 - 12:45	<b>Lectures</b> New contents and capabilities (BIM + VR): 1	ThM05P01 Room: Secretariat
	<ul style="list-style-type: none"> <li>• <a href="#">Application of Building Information Modelling methodology in a Project Based Learning subject</a> <i>D. Sanchez-Ramos, A. Galan, L. Rodriguez, A. Arrieta and S. Moraleda</i></li> <li>• <a href="#">Introduction of BIM in a Civil Engineering School: Curricular Program</a> <i>Z. Sampaio</i></li> <li>• <a href="#">Education in Engineering: BIM and VR Technologies Improving Collaborative Projects</a> <i>Z. Sampaio</i></li> </ul>	

Time	Activity	Venue
	<ul style="list-style-type: none"> <li>• <a href="#">Introducing BIM into Education: Opportunities and Challenges</a> <i>J. Pereiro-Barceló and C. Meléndez</i></li> <li>• <a href="#">VR-Based Teaching and Learning Tool for Building Design and Construction</a> <i>Zhang and B. Chen</i></li> <li>• <a href="#">Introduction of Bim Technologies Regarding Pricing by Means of Use of Systems of Automation of Release of Budget Documentation</a> <i>Davydov Ni Davydov Nikita Sergeevich, Pridvizhki Pridvizhkin Stanislav Viktorovich and Belkevich Belkevich Andrei Vladimirovich</i></li> <li>• <a href="#">The Augmented Reality Sandbox as a tool for the education of Hydrology to Civil Engineering students</a> <i>N. Theodossiou, D. Karakatsanis and E. Fotopoulou</i></li> </ul>	
11:15 - 12:45	<p><b>Lectures</b> <b>Methodology 1</b></p>	ThM05P02 Room: Secretariat
	<ul style="list-style-type: none"> <li>• <a href="#">Challenges of the Education in Civil Engineering</a> <i>J. Paavola</i></li> <li>• <a href="#">Teaching And Assessing Generic Student Outcomes at The School of Civil Engineering in Valencia (Spain)</a> <i>T Ruiz and E Pellicer</i></li> <li>• <a href="#">Network Interaction of Higher Educational Institutions in Preparing of Engineering and Scientific Personnel on A Priority Direction of "Urbanistics"</a> <i>Ponomaryov and S. Vahrushev</i></li> <li>• <a href="#">Integrating Sustainability and Social Commitment Transversal Competence Across Civil Engineering Curricula through Case Studies and a Common Evaluation Rubric</a> <i>Pérez-Foguet, D. Requejo-Castro, M. Etxeberria, A. Garola, E. Oller and R. Giné-Garriga</i></li> <li>• <a href="#">Active Learning for Project Management in Civil Engineering</a> <i>E. Fillola, G. Ramos and J. Turmo</i></li> <li>• <a href="#">Engagement of Civil Engineer students in the first academic year</a> <i>M.R. Estela-Carbonell and P. Díez</i></li> </ul>	
12:45 - 14:00	<b>Lunch Break</b>	
14:00 - 16:00	<p><b>Lectures</b> <b>Methodology 2</b></p>	ThA07P Room: Auditorium
	<ul style="list-style-type: none"> <li>• <a href="#">Lights and Shadows on the SySTEM</a> <i>F. Martínez-Abella, I. Colominas, J. Sanmartín Ferreiro and M. F. Herrador</i></li> </ul>	

Time	Activity	Venue
	<ul style="list-style-type: none"> <li>• <a href="#">Building on a Large Scale and its Potential in Education</a> <i>F. González Blanco and M. Herrador Barrios</i></li> <li>• <a href="#">Using Simulation and Serious Games in STEM Education</a> <i>N. Campos, M. Nogal, C. Caliz and A. Juan</i></li> <li>• <a href="#">The Group of Projects: Designing Different Footbridges for the Same Site.</a> <i>J.J. Jorquera-Lucerga</i></li> <li>• <a href="#">Benefits and Limitations of Adopting Project-Based Learning (PBL) in Civil Engineering Education - a Review</a> <i>T. McKenna, A. Gibney and M. Richardson</i></li> <li>• <a href="#">Introducing Project Management Processes and Skills on a PBL Subject</a> <i>C. Castillo, Á. Galán, J. González and L. Rodríguez</i></li> <li>• <a href="#">MOOC for the Multidisciplinary Design of Bridges</a> <i>J.A. Lozano-Galant, S. Sanchez-Cambronero, F.J. Castilla, M.J. García, J. Ley and V. Romero</i></li> <li>• <a href="#">Teaching Exploration of "Civil Engineering Construction Course" under the Objective of Cultivating Excellent Engineers</a> <i>X. Hu, W. Xu and S. Yang</i></li> </ul>	
16:00 - 16:00	<b>Coffee Break</b>	
16:00 - 17:00	<p><b>Lectures</b></p> <p><b>Impact on education (Global perspective) : 1</b></p>	ThE08P Room: Auditorium
	<ul style="list-style-type: none"> <li>• <a href="#">Increasing the presence of a Civil Engineering school in the local and social context: popularization and insertion activities</a> <i>Colominas, M. F. Herrador, J. París, J. J. Galán, A. Baldomir, D. Carro-López and L. Pena M.</i></li> <li>• <a href="#">The impact of erasmus+ international project for the development of science</a> <i>Irina Maltseva, Kseniia Maltceva and Vladimir Alekhin</i></li> <li>• <a href="#">CALHOE Project and Civil Engineering: Analysis of Results</a> <i>A. Soeiro</i></li> <li>• <a href="#">EnviEU, the First Jean Monnet Teaching Module About the Environmental Framework in Europe</a> <i>J. Martín-Pascual, D. Gómez-Lorente, J.M. Poyatos, A. Ramos, D.P. Ruiz-Padillo, F. Serrano and M. Zamorano</i></li> </ul>	
18:00 - 19:30	<b>EUCEET Association General Assembly</b>	
20:00 - 22:00	<b>Gala Dinner</b>	

Time	Activity	Venue
<b>FRIDAY, SEPTEMBER 7</b>		
09:00 - 10:45	<b>Lectures</b> <b>New contents and capabilities (Smart tool): 1</b>	FrM01P01 Room: Secretariat
	<ul style="list-style-type: none"> <li>• <a href="#">The Interaction between smart cities and institutions of higher education</a> <i>Akram Rustom and Mohammad ebrahim</i></li> <li>• <a href="#">Building freeform : From Design to Fabrication</a> <i>C Douthe, M Bagn�ris, L Du Peloux and R Mesnil</i></li> <li>• <a href="#">Electronic Educational Resources as Innovative Technologies of Engineering Education</a> <i>Yu. Tolstova and N. Shiryayeva</i></li> <li>• <a href="#">SEISMOCODE: a Lifelong e-learning Platform to Help Civil Engineers Keep Pace with Building Codes Evolution</a> <i>R. Pascu, I. G. Craifaleanu, O. Anicai, L. Stefan, V. Popa, V. V. Oprisoreanu, I. Damian, A. Papurcu and C. Rusanu</i></li> <li>• <a href="#">Making Easier the Teaching - Learning Process of OpenSees and its use in Practice and Research</a> <i>J. Pereiro-Barcel� and C. Mel�ndez</i></li> <li>• <a href="#">New Capabilities in Road Tunnel Operation Education</a> <i>P. Danišovi�, J. Šr�mek and M. Hodoň</i></li> <li>• <a href="#">Digital Twins in Civil and Environmental Engineering Classrooms</a> <i>R. Chac�n, M. S�nchez-Juny, E. Real, F. Gironella, J. Puiagut and A. Ledesma</i></li> </ul>	
09:00 - 10:45	<b>Impact on education (Experiences): 2</b>	FrM01P02 Room: Secretariat
	<ul style="list-style-type: none"> <li>• <a href="#">Internationalization of Higher Education Studies - Case Studies from Polish Technical Universities</a> <i>P. Berkowski and M. Kosior-Kazberuk</i></li> <li>• <a href="#">Impact of Cooperation between Universities and Industry on Civil Engineering Study Programmes - Experiences of Polish Technical Universities</a> <i>M. Kosior-Kazberuk and P. Berkowski</i></li> <li>• <a href="#">The Benefits of Cooperation with Stakeholders in Implementation of Master Programme "Building Design for Sustainable Development"</a> <i>V. Alekhin, I. Maltseva, V. Bianco and K. Tkachuk</i></li> <li>• <a href="#">The Protection of Cultural Heritage Site by Civil Engineering Education</a> <i>Vyacheslav Shikhirin, Natalia Kharkova and Elena Uryupina</i></li> </ul>	

Time	Activity	Venue
	<ul style="list-style-type: none"> <li>• <a href="#">Civil Engineering Education Program in Response to the Infrastructure Development in Recent Years in Viet Nam</a> <i>T. T. Tran, T. T Bui and P. Q Nguyen</i></li> <li>• <a href="#">Developing the practical and applied aspect of engineering Education in Syrian Universities</a> <i>Akram Rustom and hiba daghmah</i></li> <li>• <a href="#">Doctoral Courses (in Geotechnical Engineering): what has been changing in Italy in the last 30 years</a> <i>D. Lo Presti, N. Squeglia, A. Pierotti, B. Cosanti, S. Stacul, I. Giusti and E. Banti</i></li> </ul>	
10:45 - 11:15	<b>Coffee Break</b>	
11:15 - 13:00	<b>Methodology 3</b>	FrM03P Room: Auditorium
	<ul style="list-style-type: none"> <li>• <a href="#">An E-Learning-Concept for Research Based Learning in Structural Dynamics</a> <i>J. Beier, J. Lange and W. Kuhlmann</i></li> <li>• <a href="#">Service-Learning in Civil Engineering Education: New Experience in the Field of Road Safety</a> <i>Guirao, M. Baus-Pous and N. Casado-Sanz</i></li> <li>• <a href="#">Dobooku Association Activities</a> <i>G. Collell Mundet, R. Grima López and J. Pertierra Brasa</i></li> <li>• <a href="#">The Relevance of Self-Formation in Teaching Structural Design</a> <i>W. Klasz, S. Melville and M. Pellegrino</i></li> <li>• <a href="#">Modern Learning Strategy for Teaching about Construction Management in Poland</a> <i>J. Górecki</i></li> <li>• <a href="#">The improvement of collaborative project work using oral presentations: the experience of road engineering students</a> <i>R. Jurado, B. Guirao and M. González</i></li> <li>• <a href="#">May Be Geotechnical Engineering Learning Fun?</a> <i>J. Garzón-Roca, F.J. Torrijo, G. Cobos and L. Fernández</i></li> </ul>	
13:00 - 13:30	<b>CLOSING CEREMONY</b>	
13:30 - 14:00	<b>Lunch Break</b>	
16:30 - 19:00	<b>Technical visit Sagrada Familia</b>	

Time	Activity	Venue
<b>Saturday, September 8 2018</b>		
10:30 - 12:30	Technical visit FC Barcelona	

**Registration**

Registration will be through the conference Web site:  
<http://congress.cimne.com/EUCEET2018/frontal/Registration.asp>

**Accommodation**

Some hotels in the surroundings of the Conference venue are:

- Hotel Bonanova Park (\*\*)
- Hotel Husa Pedralbes (\*\*\*)
- Hotel Tres Torres (\*\*\*)
- Hotel Arenas (\*\*\*\*)
- Hotel Husa Illa (\*\*\*\*)
- Hotel Princesa Sofía (\*\*\*\*\*)
- Hotel Rey Juan Carlos I (\*\*\*\*\*)

Very close to the conference venue there is a [University residence](#) (Barcelona Residencia Universitaria Torre Girona).

**Conference social program**

The Conference Social Programme includes:

- The **Welcome Reception** on **Wednesday September 05** at the Círculo del Liceo  
<https://www.circulodelliceo.es/>  
 The welcome cocktail is planned to start at 8 p.m.
- The **Gala Dinner** will take place at [El Jardí de l'Abadessa](#).  
 It will be held on **Thursday September 06**. It is planned to start at 8 p.m.
- Visit to [Sagrada Familia](#).  
 It will be held on **Friday September 07th**. It's planned to start at 4.30 p.m.
- Visit to [FC Barcelona](#).  
 It will be held on **Saturday September 08th**. It's planned to start at 10.30 a.m.



More information on: <http://congress.cimne.com/EUCEET2018/frontal/default.asp>

## New member of the EUCEET Association

### University of Granada (UGR), Spain Superior Technical School of Civil Engineering (E.T.S de Ingenieria de Caminos, Canales y Puertos)



UNIVERSIDAD  
DE GRANADA

#### ABOUT university:

The University of Granada (UGR) is a public university situated in the historical city of Granada, which lies just 35km from the spectacular Sierra Nevada mountain range and 65km from the tropical Mediterranean coast. The University was officially founded by the Emperor Charles V in the year 1531, and built on a centuries-old teaching tradition dating back to the madrasahs of the Nasrid dynasty of Granada. Accordingly, it is one of the most significant universities in Europe in terms of its historical importance.



The UGR is widely recognized internationally for its quality in higher education, teaching, research and outreach. National and international rankings reflect the UGR's position among the top universities in Spain and among the best in the world.

Approximately 75,000 individuals – students, researchers, lecturers, and administrative and support staff – are directly linked to the UGR, making it the 4<sup>th</sup> largest university in Spain. This university community has turned Granada, with its 250,000 inhabitants, into a vibrant and cosmopolitan city.

Every year, an additional 8,000 students enrol on non-regulated, language, continuous learning and summer courses, alongside approximately 60,000 students who complete online courses with the University, reflecting the vast scope of the UGR's influence in the higher education sector.

The UGR is the favourite destination for European exchange students (Erasmus+) and European leader in figures of both incoming and outgoing Erasmus students.

The UGR is a welcoming cosmopolitan university: about 10% of the students enrolled are international students. Students can learn Spanish and other languages, with the 10,000 local and international students who enroll each year in courses offered by the UGR's Centre for Modern Languages, Confucius Institute (Chinese), Russkiy Mir Centre (Russian) and Chair for Arabic Al-Babtain.

The UGR is recognized internationally for its excellence in research in many fields: ICT, Health Sciences, Cultural Heritage, and Linguistics among others. Its 400+ research groups work in all areas of scientific knowledge, in collaboration with other national and international leaders in their fields, and with industry. The UGR participates in more than 800 bilateral and multilateral exchanges with institutions around the world.

## Superior Technical School of Civil Engineering



The Superior Technical School of Civil Engineering (E.T.S de Ingenieria de Caminos, Canales y Puertos) was created in the University of Granada in 1988.

Since then, the school has led training in the field of Civil Engineering, in Andalusia, under the principle of integral student training and has experienced an important development that is reflected in different aspects:

- it currently has a modern building and laboratories with the most advanced equipment at the service of teachers, researchers and students;
- the faculty is distinguished by its qualification, with the participation and leadership in regional, national and international research projects, as well as in its international dimension thanks to its collaboration with Universities and Research Laboratories of great international prestige;
- high presence of associate professors, who transmit their experience in the field of Civil Engineering to students.

More than 3,000 graduates since its inception and develop their work in the field of Civil Engineering at the level of private companies, administration, and in the field of research, as well as in other non-traditional labor markets.

The preoccupation for the labor insertion has given rise to that there is a broad program of extensive practices with numerous agreements signed between the school and different companies.

The internationalization of the students is promoted through different exchange programs with prestigious international universities, both through the Erasmus program and free mobility in Universities outside the Erasmus Program.

Masters in Civil Engineering is designed to provide a solid grounding in research, academic, and professional areas that make up the discipline. Students acquire the technical skills needed to pursue a professional career in the field of civil engineering, encompassing designing and managing construction projects; maintenance of civil infrastructure; employing new technologies in the construction process; decision-making skills for transport infrastructure planning; calculating, constructing, and maintaining building works; managing essential urban services and energy resources; conducting studies, land management and urban planning; and managing the environment and resources in urban and rural contexts.

More information on: <https://www.ugr.es/>

## FROM MEMBERS

### Technical University of Munich, Germany



#### TUM students use Erasmus most frequently

23.05.2018, Campus news

Students of the Technical University of Munich (TUM) go abroad more often with an Erasmus grant than students of other German universities. This is shown by the final Erasmus funding figures for 2015/16, which have now been published by the German Academic Exchange Service (DAAD). This makes TUM the most active German university in this EU exchange program for the fifth time in a row.

One of the most popular ways to gain study experience abroad is the EU's Erasmus exchange program. A total of 678,000 Europeans took advantage of this opportunity in the 2015 funding year - a new record. TUM was also able to increase the number of its students in the Erasmus program: Within 10 years from 254 in 2005/06 to 1,223. 903 participants visited foreign countries for study purposes and 186 for an internship. These are the highest values among German universities in all areas. The employees of TUM also went abroad more frequently than those of other German universities and more frequently than in previous years with Erasmus funding for further education and training purposes.

#### Strengthening the European Awareness

TUM promotes the exchange and also strengthens the European awareness of its students and employees beyond Erasmus partnerships. This is done, among other things, through the "Go Europe" initiative, which brings together various activities of TUM on the topic of Europe. In addition to the Erasmus representatives in the faculties, the International Center is the central contact point for international mobility and partnerships. It also offers specific mentoring and support services or weekly language cafés at all TUM campuses.

Information from : <https://www.tum.de/en/about-tum/news/press-releases/detail/article/34659/>

## Aristotle University of Thessaloniki (AUTH), Greece



ARISTOTLE UNIVERSITY  
OF THESSALONIKI

### INTERNATIONAL SEMINAR ON ROADS, BRIDGES & TUNNELS

9-15 November 2018

The [School of Civil Engineering](#) along with the [Highway Engineering Laboratory](#) of the [Aristotle University of Thessaloniki \(AUTH\)](#), Greece, organize the International Seminar on Roads, Bridges and Tunnels the ISRBT2018, in Salonica, in November 2018.

This will be the 3<sup>rd</sup> Seminar of the kind, after the ISRBT2016, and ISRBT2017, gathering 120 participants and 30 invited speakers from 10 European countries.

The 3<sup>rd</sup> International Seminar on Roads, Bridges and Tunnels, fully renovated, will address practical aspects of design, construction and management, aiming, especially, to enlighten the applied part of the engineering know-how, useful to professionals of international prospects.



The 3<sup>rd</sup> ISRBT will consist of three 2-day Sessions:

- 9-10 November Bridges,
- 12-13 November Roads and Motorways,
- 14-15 November Geotechnics and Tunnels.

The Seminar is addressed to Construction Engineers, Engineers of International Projects, Scholars, Road Engineering Designers, Construction Managers, Contractors, Motorway Operators, Road Engineers, Bridge Engineers, Tunnel Engineers, Motorway Concessionaire, State Engineers, QA and QC Engineers.

ISRBT2018 Topics/Lectures will address the following subjects:

- Construction management of motorway projects
- Motorway concession projects
- Motorway construction projects in the international context
- Road earthworks and environment
- Landslides and stabilization measures
- Construction methods for bridges
- Suspended bridges
- Motorway operations
- NATM tunnelling method for motorways
- Metro Tunnelling
- Traffic safety and ITS Systems on motorways
- Interchanges

More information on: <http://isrbt.civil.auth.gr/>

## University for Business and Technology (UBT), Kosovo



### 7<sup>th</sup> INTERNATIONAL CONFERENCE ON CIVIL ENGINEERING, INFRASTRUCTURE AND ENVIRONMENT IC - CEIE 2018

26-28 October 2018

UBT-Faculty of Civil Engineering, Infrastructure and Environment in cooperation with KA-CASE (Kosova Association of Control, Automation and Systems Engineering) and KA-SIM



### UBT International Conference 2018

(Kosova Association for Modeling and Simulation) organize the **7<sup>th</sup> International Conference on Civil Engineering, Infrastructure and Environment IC - CEIE 2018** on October 26-28, 2018 in Pristina, Kosovo.

The aim of the conference is to facilitate the exchange of knowledge between innovative academics, post-graduate students, doctoral candidates, young researchers, researchers and industrial experts and to share views and experiences in the related areas.

The range of topics considered by the Conference will include:

- Structural Engineering including Steel, Bridge, Composite, Reinforced Concrete and Masonry Structures
- Structural Integrity
- Form finding, Topology and Structural Morphology
- Space, Tension and Shell Structures
- Soil-Structure Interaction (static and dynamic)
- Energy efficiency and building materials
- Transportation engineering
- Coastal Engineering
- Infrastructure and transport systems
- Road & Bridge engineering
- Structural dynamics
- Structural and building engineering
- Sustainable constructions
- Innovative building technologies
- Heritage constructions
- Productivity
- Sustainable Urban Environments
- Water Resources Engineering
- Water Treatment
- Mobile Computing
- GIS
- Structural Control
- Fracture Mechanics
- Modelling of Concrete Durability
- Rock Mechanics
- Offshore Structures
- Wind Engineering
- Computer Controlled Site Instrumentation
- Quality Assessment
- Optimization - Structural Optimization and Sensitivity Analysis
- Numerical Modeling in Geotechnics
- Monitoring of Structures & Buildings
- Real-Time 3D Simulation
- Computer Supported Collaborative Design
- New advances in Structural Health Monitoring Technologies
- Constructions norms and standardization
- Computational Mechanics
- Buildings performance
- Geomechanics engineering
- Construction technology

- Engineering Management
- Ecology and buildings impacts
- Hydraulic engineering
- Environmental engineering
- Computer simulation and CAD/CAE
- Buckling and Stability
- Linear and Non-linear Dynamics
- Analysis of Semi-rigid Connections
- Environmental Engineering
- CAD (including steel, concrete, masonry and composite)
- Transport and Highways Engineering
- Geotechnical Analysis and Design
- Foundation Engineering
- Dam Engineering
- Slope Design
- Ground Vibration
- Construction Automation and Robotics
- Construction Management
- Project Management
- Management Systems
- Civil Engineering Surveying
- Civil Engineering Management
- Lifetime Costs
- Seismic Response of Structures and the Environment due to Transport
- Earthquake Engineering
- Modelling of Seismic Action
- Structural Identification
- Strengthening of Structures
- Assessment of Structures
- Timber Structures
- Structural Damage Detection and Identification
- Stochastic Optimization
- Nanotechnology
- Modeling Mechanical Behavior at the Nano- and Mesoscale
- Railway Engineering
- Stochastic Mechanics
- Shape and Boundary Optimization
- Reliability-based Design Optimization (RBDO)
- Optimal Structural Control under Stochastic Uncertainty
- Model Predictive Structural Control (MPSC)
- Stochastic Mechanics and Reliability
- Multi-Hazard Risk Assessment
- Fire Structural Design
- Multi Scale Modelling, Multi-Scale Analysis
- Geostatistics
- Smart Materials

**Important Dates:**

Abstract submission: **July 31, 2018**  
 Full paper submission: **September 15, 2018**  
 Acceptance notification: **September 30, 2018**  
 Early Registration date: **October 5, 2018**  
 Conference date: **October 26-28, 2018**

More information on: <http://conferences.ubt-uni.net/>

## Technical University of Civil Engineering Bucharest, Romania



### A very sad news: Professor Iacint MANOLIU died on 12<sup>th</sup> June 2018

The members of the EUCEET Association and the community of civil engineers of Romania received the very sad news of the death of Professor Iacint Manoliu.

**Prof. Iacint Manoliu** was Emeritus Professor of Geotechnical Engineering at the Technical University of Civil Engineering [TUCEB] in Bucharest.

He served as Vice-Dean of the Faculty of Civil, Industrial & Agricultural Buildings between 1972 and 1976 and as Dean of the same Faculty between 1976 and 1984. Between 1990 and 2000 he was TUCEB's Vice-Rector for Academic and International Affairs.

Between 2000 and 2011 he was President of the Council for International Relations of TUCEB.

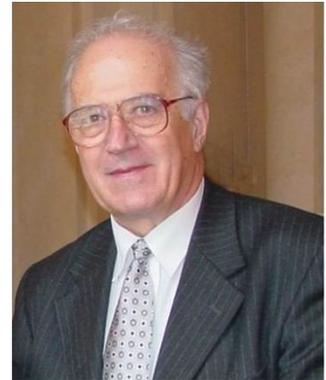
He received the title **Doctor Honoris Causa**, of the Technical University "Gheorghe Asachi", Iasi, Romania (2007).

Professor Iacint Manoliu held important positions in European, in National and International Organizations.

He was President and Honorary President of the Romanian Geotechnical Society, Vice-President of the Union of Associations of Civil Engineers of Romania, Chairman of the Standing Committee on Education & Training of ECCE (European Council of Civil Engineers) and the representative in ENAEE (European Network for Accreditation in Engineering Education) of ARACIS (Romanian Agency for Quality in Higher Education).

He was Secretary General of the Steering Committee of the Thematic Network Project EUCEET I (1998 – 2001) and Chairman of the Management Committee for the EUCEET II (2002 –2005) and EUCEET III (2006 –2010) projects.

At the first General Assembly of the EUCEET Association (Warsaw, 24 October 2008), he was designated as General Secretary.



**South Ural State University**  
**(National Research University) SUSU, Russia**



South Ural  
State University

National Research  
University

**SUSU Students of the Institute of Architecture and Construction awarded at the Final of Steel2Real International Contest**

On May 18<sup>th</sup> 2018 in Moscow, the final of the 3<sup>rd</sup> International contest of student projects Steel2Real was held in the Central House of Artist.

The event was organized by Steel Construction Development Association.



Among finalists of engineering and construction nomination were students of MGSU (Moscow), UrFU (Yekaterinburg) and fourth-year students of SUSU's [Institute of Architecture and Construction](#): *Yulia Beketova, Daria Glznitsa, Andrey Murmulyak and Anastasia Prudnikova.*

Under supervision of Assistant of the Department of Building Structures and Facilities *Dmitry Andreevich Korzhuk*, students completed projects of engineering solutions of buildings on the basis of a steel carcass. A project of school developed by Daria Glznitsa and Anastasia Prudnikova took the 3<sup>rd</sup> place.

Students were awarded with honorary credentials, memorable badges and a money prize. Moreover, finalists of the contest were given certificates for studying a basis course of Modeling in Tekla Structures.

Information from: <https://www.susu.ru/en/news/2018/05/24/students-made-it-final-steel2real-international-contest>

**ECCE – European Council of Civil Engineers**



European Council  
of  
Civil Engineers

**PRESS RELEASE 67<sup>th</sup> ECCE General Meeting**

**31 May - 2 June 2018, Tallinn, Estonia**

The 67<sup>th</sup> ECCE General Meeting was held on 31<sup>st</sup> May and 2<sup>nd</sup> June 2018, in Tallinn, Estonia at the Tallink Spa & Conference Hotel hosted by the Estonian Association of Civil Engineers (EEL).

On 30th May, the ECCE Executive Board meeting was held.

The 67<sup>th</sup> ECCE General Meeting was organized in conjunction with the International Conference “*Civil Engineering and Cultural Heritage*” that was held under the umbrella of the ECCE Initiative “2018 European Year of Civil Engineers”.

The 67<sup>th</sup> ECCE General Meeting was very well attended with delegations from almost all of the ECCE Member organizations. The meeting was chaired by the ECCE Acting President Włodzimerz Szymczak.

The opening speech was made by the President of the Estonian Association of Civil Engineers Mr. Margo Dengo who welcomed all the participants and introduced to them the structure and functions of the Estonian Association of Civil Engineers and presented the challenges that civil engineers in Estonia are facing.



*EEL President Margo Dengo  
at the opening of the 67th ECCE GM*

Among the distinguished guests were EEL President Margo Dengo, EEL President Elect Kaspar Ots, ECCE Honorary President Yrjö Matikainen, WCCE Past President Emilio Colon, EAMC President Adil Al Hadithi, and EAMC Secretary General Nicola Monda.



*67<sup>th</sup> ECCE General Meeting group photo*

During the 67<sup>th</sup> ECCE General Meeting the Russian Society of Civil Engineers – Moscow Department re-established its membership in the European Council of Civil Engineers and the Russian delegation was warmly welcomed by the ECCE Members aspiring to joint work and fruitful cooperation from now on.

In the meeting, the *ECCE activity report October 2017 – May 2018* was presented by the ECCE Acting President Włodzimerz Szymczak together with ExBo members describing briefly the ECCE activities since our last meeting in October, in Vienna. The main activities of ECCE during this period of time were focused mainly on the organization of the “2018 European Year of Civil Engineers”, the finalization of the Position Paper “Appropriate regulation for the practice of civil engineering in Europe”, the assessment of new proposals for Position Papers, ECCE’s membership issues, ECCE’s relationship with other European and World organizations, ECCE’s participation in several initiatives from cooperating Associations as well as matters of internal organization and function. During this period, ECCE ExBo

members and other ECCE representatives participated in various events organized by ECCE Members and other Associations with which ECCE cooperates.

The 2018 EYCE status report on the progress of the ECCE Initiative “2018 European Year of Civil Engineers” was presented by the ECCE Acting President who briefly presented all the events that have already been organized under the umbrella of the 2018EYCE.

A presentation was delivered by Ingrid Farmer (UK delegate) on the progress of the organization of the *Global Engineering Congress* that will be held in London from 22 – 26 October 2018 celebrating the bicentennial of the ICE, the 50th WFEO Anniversary, the Triennial with the American Society of Civil Engineers and the Canadian Society of Civil Engineers, as well as the 68<sup>th</sup> ECCE General Meeting which will also be the closing event of the 2018EYCE.

During the 67<sup>th</sup> ECCE General Meeting the ECCE General Assembly ratified ECCE’s subscription to the European Construction Forum (ECF) *Manifesto on Digitalization*. ECCE is a member of ECF and Paul Coughlan (UK National Delegate) participated in the working group for the preparation of the Manifesto on Digitalization which will be circulated in the following weeks.

Furthermore, the ECCE General Assembly ratified ECCE’s subscription to the *Madrid Declaration 2018 Water: the future we want*. The Madrid Declaration has been jointly signed by the following organizations WFEO, WCCE, FEANI, ECCE, CICPC-CEPC, Ode Portugal, CICCIP, AICCP, IIE Spain in order to meet the challenges of engineering for climate change adaptation and mitigation solutions, focusing on the field of water, one of the most sensitive sectors for sustainable development and the adaptation to it.

The ECCE General Assembly also ratified ECCE’s participation in the *World Construction Forum 2019* as a co-organizer. The World Construction Forum 2019 “Buildings and Infrastructure Resilience” will be held from 8 – 11 April 2019, and will be accompanied with the Annual Meeting of the WFEO Executive Board. The Forum will be organized under the auspices of the World Federation of Engineering Organizations (WFEO) by the Slovenian Chamber of Engineers and the University of Ljubljana, Faculty of Civil and Geodetic Engineering (UL FGG). The Forum is dedicated to the centennial of the organized integration of chartered engineers in Slovenia into chambers and to the centennial of the foundation of the University of Ljubljana and its Technical faculty, forerunner of UL FGG.

During the 67<sup>th</sup> ECCE General Meeting, the progress on the preparation of the ECCE booklet “The history and the role of civil engineers through the centuries” was presented. This proposal was submitted by Platonas Stylianou (Cyprus National Delegate) to the ECCE Executive Board. A working group has been formed and is already working to complete the booklet until October when it will be presented during the Global Engineering Congress in London concluding the European Year of Civil Engineers. This booklet will be part of ECCE’s contribution to the 2018 EYCE.

The ECCE Financial matters were also presented and discussed. ECCE Vice President/Treasurer Dimitar Natchev described the ECCE financial report until the end of May for the information of the members. He also presented the Year End Report for 2017 which was approved by the ECCE General Assembly.

Another interesting point during the meeting was the presentation about the *STEM & Gender Assessment (SAGA) Project*, a global UNESCO project aimed at identifying and addressing gender gaps in

STEM fields at all levels of education and research. This project proposal was presented by ExBo member and WCCE Executive Director Jose Francisco Saez Rubio. As civil engineers represent more than half of world population of all engineers worldwide, at national, regional and international level, UNESCO SAGA Team has offered WCCE's Standing Committee on Women in Civil Engineering to contribute to such project by designing and carrying out this survey to collect accurate sex-disaggregated data on a specific objective of the STI GOL, the STI GOL 4.8 "Ensure gender equality in S&E professional certifications, in particular in engineering" in order to improve the measurement of the status of women and girls in engineering as an overall objective. All ECCE National Members have been requested to contribute to this project by completing an online survey which can be accessed at the link [here](#).

In addition, WCCE Executive Director Jose Francisco Saez Rubio presented the Jose Medem Civil Engineering Excellence Award which is a WCCE initiative. An open call for submission of candidacies can be found [here](#).

Finally, the ZDI representative Prof. Carsten Ahrens presented the **Foundation Prof. Joachim Lenz initiative** which offers an internship/practical placement for one or two students for one year in a German company.

### International Conference "*Civil Engineering and Cultural Heritage*"

1<sup>st</sup> June 2018, Tallinn, Estonia



ECCE Acting President Włodzimierz Szymczak  
opening the Conference

The International Conference "*Civil Engineering and Cultural Heritage*" was held on Friday 1<sup>st</sup> June 2018, at the Tallink Spa & Conference Hotel, organized by the Estonian Association of Civil Engineers under the umbrella of the European Year of Civil Engineers and the European Year of Cultural Heritage.

The Conference was very well attended by ECCE Members as well as by Estonian Engineers, students, professionals and academics. The Conference was moderated by Kaur Lass, MA, OÜ Head.

The Conference was opened by ECCE Acting President Włodzimierz Szymczak who presented the ECCE initiative to mark 2018 as the European Year of Civil Engineers. Włodzimierz Szymczak delivered the presentation that was prepared for this purpose and also the proclamation of the 2018 EYCE. EEL President Margo Dengo addressed an opening speech as well.

The presentations that were delivered during the Conference are listed below:

- History and experience of renovation of Cultural Heritages in Estonia: Restoration Works in Post-WWII Tallinn (Kaarel Truu, MA, National Heritage Board)

- Lessons learned. Renovation of Seaplane hangars  
(Heiki Onton, PhD, Ramirent Baltic AS managing director)
- Challenges for the structural engineer on renovation of ancient buildings  
(Aris Chatzidakis, MSc Civil Engineer, ECCE Vice President)
- History and experience of integrated renovation of Vilnius historic city centre  
(Gediminas Rutkauskas, Dipl. Architect, ICOMOS international expert, Head of Vilnius Old Town Renewal Agency)
- Fire safety in historical wooden buildings  
(Johanna Liblik, MSc, Tallinn University of Technology)
- Contemporary architecture & heritage – case of Latvia  
(Janis Dripe, Expert, Ministry of Culture of Latvia, Head of RISEBA School of Architecture)
- Lessons learned. Rotermann City, Tallinn  
(Martin Vaga, MSc, YIT Infra Eesti AS)
- The possibility that technology offers: The potential of HeritageBIM  
(Dr. James Miles BA (hons), MSc, PhD, MCIfA)



**Group photo at the House of Blackheads**

***The European Council of Civil Engineers would like to express its gratitude to the Estonian Association of Civil Engineers for the successful organization of 67<sup>th</sup> ECCE General Meeting and the International Conference “Civil Engineering and Cultural Heritage” as well as for their exceptional hospitality.***

The materials from the 67<sup>th</sup> ECCE General Meeting as well as from the Conference "Civil Engineering and Cultural Heritage" can be found on:

[http://www.ecceengineers.eu/news/2018/67\\_ecce\\_meeting.php?id=41](http://www.ecceengineers.eu/news/2018/67_ecce_meeting.php?id=41)

## FROM PARTNERS

### EHEA Ministerial Conference Paris 2018

Paris, France

24-25 May, 2018



This **Ministerial Conference** was held in **Paris** on **May 24-25, 2018**. It was opened to registered European Higher Education Area (EHEA) delegations and included a Bologna Policy Forum that was an opportunity to pursue a dialogue between EHEA and non-EHEA countries.

The European Higher Education Area (EHEA) includes 48 countries centering on the European region, and stakeholders such as students' representatives (ESU), the European association of universities, the representatives of higher education institutions, the representatives of teachers and staff, the European Commission, the Council of Europe, the representatives of employers... It aims at increasing the mobility of students and staff thanks to common concrete tools such as European credits transfer system (ECTS), structuration of the studies into three cycles and quality assurance of higher education...



The Paris Conference was an opportunity to reinforce the cooperation between countries for a better future of higher education. The Communiqué stresses the necessity to improve the implementation of fundamental values, especially democracy, since the standards of higher education convey notions of peace and freedom!



On 25 May 2018, European education ministers adopted the [Paris Communiqué](#) at the Bologna Process Ministerial Conference.

More information on: <http://www.ehea.info/cid101765/ministerial-conference-paris-2018.html>

**ACA European Policy Seminar***“The impact of internationalisation – putting together the puzzle”*

Brussels, Belgium

11<sup>th</sup> June 2018

On 11<sup>th</sup> June 2018 was held in Brussels, Belgium, the 56<sup>th</sup> in ACA’s EPS series event, the Seminar *“The impact of internationalisation – putting together the puzzle”*. This one-day event facilitated an honest and informed discussion on impact assessment at different levels – European, national, institutional, and individual – and took stock of the existing body of knowledge, data and other evidence on internationalisation of higher education.

The programme featured internationalisation as a comprehensive process, as well as zoom in some key international activities, from international student and staff mobility, to joint programmes and curricular internationalisation, amongst others.

The seminar was one-day exploration, guided by top-level experts, of impact assessment of internationalisation overall, as well as of concrete activities:

- Student and staff mobility
- Strategic partnerships and joint programmes
- Scholarship programmes
- Internationalisation at home and internationalisation of the curriculum
- National-level assessment methodologies and indicators

The overarching aim of the event was to **take stock of the existing body of knowledge, data and other evidence on internationalisation.**

More information: <http://www.aca-secretariat.be/index.php?id=1081>

**SEFI 2018 ANNUAL CONFERENCE**

Technical University of Denmark, Copenhagen/Lyngby  
17 - 21 September 2018



The 46<sup>th</sup> Annual Conference of the European Society for Engineering Education will be held between 17<sup>th</sup> to 21<sup>st</sup> September at the Technical University of Denmark (Copenhagen/Lyngby) and will coincide with the 45<sup>th</sup> Anniversary of SEFI.

The conference programme will be unfolded in thematic and general tracks. In each individual track the two paper types (concept and research) and the [session formats](#) will be mixed together under relevant track themes.

***Conference Thematic Tracks:***

Fostering entrepreneurship  
How Learning Spaces support innovative T&L  
Innovation as the context for EE  
Innovative Teaching and Learning Methods  
Philosophy and Purpose of Engineering Education  
Sustainable Development Goals in EE  
Teaching Creativity & Innovation  
University-Business cooperation

***General Tracks:***

Continuing EE and Lifelong Learning  
Curriculum Development  
Discipline-specific Teaching & Learning  
Educational and Organizational Development  
Engineering Skills  
Ethics in EE  
Gender and Diversity in EE  
Open and Online EE  
Quality Assurance and Accreditation  
Recruitment and Retention  
The teacher as a supervisor

More information on: <http://www.sefi2018.eu/>

## 4<sup>th</sup> EUA Funding Forum

Frameworks that empower, universities that deliver

Ramon Llull University, Barcelona, Spain

18 - 19 October 2018



The 4<sup>th</sup> EUA Funding Forum will both feature well-known popular formats and step up interaction among participants through a variety of new activities. Expert panels, in plenary, will frame the topics to introduce the discussion. Master classes will provide an up-to-date overview of most recent trends in higher education and research funding. In the Forum “expert rooms”, university leaders and managers and policy-makers will learn from peers. Participants will engage with each other in learning cafés and roundtables.



The event, which philosophy can be summarised by “*share and learn to grow and improve*”, will focus on empowering institutions in financial and economic environments characterised by uncertainty and risk. Policy-makers will have the opportunity to explore reform

mechanisms of interest. In a nutshell, the Forum will enrich the perspectives of both institutional leaders and policy-makers engaged in funding reforms and more broadly in change management.

In particular, the Forum will be an opportunity to:

- find out about the latest evolutions in public funding to universities across Europe and benchmark investment efforts thanks to [EUA's Public Funding Observatory](#)
- understand the ins and outs of the debate on [efficiency and effectiveness](#) in university management, how much HEIs already do about it, and what policies can support their action;
- upgrade your capacity to master and manage change as a university leader via exclusive training;
- assess the stakes of the battle for the [next generation of EU funding programmes](#), and prepare your institution in time;
- meet among decision-makers to identify ingredients for successful reform design and implementation
- get new insights on how to develop partnerships that support your missions as an HEI;
- learn how to communicate around the impact of your HEI on its environment.

More information: <http://test.eua.be/activities-services/events/event/2018/10/18/default-calendar/4th-eua-funding-forum>

## FROM THE EUROPEAN UNION

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



### **The Bologna Process Implementation Report 2018: an update of the European Higher Education Area**

Eurydice is happy to announce the publication of *The European Higher Education Area in 2018: Bologna Process Implementation Report* which presents a picture of how the [European Higher Education Area \(EHEA\)](#) has been moving forward since the [Yerevan Conference in 2015](#).

By using qualitative information and statistical data, the report outlines the current state of play of the Bologna Process from various stakeholders' perspectives, through its seven chapters.

It shows that most countries have been focused on consolidating the implementation of reforms in recent years. Although some countries require further support to ensure that these reforms are fully implemented, the report shows that real progress has been achieved in creating an open and inclusive higher education area thanks to the fundamental commitments that underpin the EHEA.

The report also fully addresses the Bologna Process's other priorities outlined in the Yerevan Communiqué: learning and teaching, social inclusion and employability.

One area where further commitment and cooperation remains essential is the social dimension of higher education. Despite commitments made throughout the Bologna Process, many challenges remain: disadvantaged learners still face barriers to access and succeed in higher education; gender balances persist with important societal implications, and lifelong learning is not yet a reality in many countries.

On the [Eurydice website](https://eacea.ec.europa.eu/national-policies/eurydice/home_en) ([https://eacea.ec.europa.eu/national-policies/eurydice/home\\_en](https://eacea.ec.europa.eu/national-policies/eurydice/home_en)) can be found information about this ongoing process and on how education systems are evolving in European Higher Education Area.

**European Commission - Press release****EU budget: Commission proposes to double funding for Erasmus programme**

Brussels, 30 May 2018

For the next long-term EU budget 2021-2027, the European Commission is proposing to double funding for Erasmus to €30 billion.

The Erasmus programme already enables millions of young Europeans to study, train or learn abroad while broadening their experience and awareness of Europe, and increasing their future chances on the job market. With doubled funding, this programme will be even more effective in supporting key political objectives such as building a European Education Area by 2025, empowering young people and promoting a European identity through youth, education and culture policies.

The Commission is proposing to increase the Erasmus budget to €30 billion from 2021-2027 with €25,9 billion for education and training, €3,1 billion for youth and €550 million for sport.

The aim of the Commission's proposal is to:

- **Increase the number of beneficiaries:** Doubling the programme's budget will make it possible to support up to 12 million people between 2021-2027 - three times as many as in the current financing period. Beneficiaries include school pupils, higher education students, trainees, teachers, trainers, youth workers, sports coaches, and also learners in vocational education and training and adult learning staff, including those participating in [ErasmusPro](#).
- **Reach out to people from all social backgrounds:** Through new formats and easier access for smaller and grassroots organisations, the new programme will make it easier for people from disadvantaged backgrounds to participate.
- **Build stronger relations with the rest of the world:** Mobility and cooperation with third countries will also be boosted, through a combination of physical and virtual mobility.
- **Focus on promoting forward-looking study fields:** The strengthened programme will give more attention to study fields such as renewable energy, climate change, environmental engineering, artificial intelligence or design.
- **Promote a European identity with a travel experience:** The new [DiscoverEU](#) initiative will give young people opportunities to discover Europe's cultural heritage and diversity.

**Next steps**

A swift agreement on the overall long-term EU budget and its sectoral proposals is essential to ensure that EU funds start delivering results on the ground as soon as possible.

Delays could put into question the implementation of the first year of the Erasmus programme. This would mean that close to 1 million people could not go on abroad and that hundreds of thousands of EU-funded projects in education, training youth and sport could not start on time.

An agreement on the next long-term budget in 2019 would provide for a seamless transition between the current long-term budget (2014-2020) and the new one and would ensure predictability and continuity of funding to the benefit of all.

## Background

The proposal for the Erasmus programme is part of the "Investing in People" chapter of the EU's [long-term budget proposal](#) which the Commission presented on 2 May 2018.

The current Erasmus+ programme with a budget of €14.7 billion runs from 2014-2020. Founded in 1987, Erasmus has to date supported more than 9 million students, learners, apprentices and volunteers.

More information: [http://europa.eu/rapid/press-release\\_IP-18-3948\\_en.htm](http://europa.eu/rapid/press-release_IP-18-3948_en.htm)

## NEWS FROM THE WORLD

### INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE (ISTEC – 2018)

18-20 July, 2018

Paris, France

The 9<sup>th</sup> International Science and Technology Conference (ISTEC) will be held between July 18-20, 2018, at Novotel Paris Est in Paris, France (1 Avenue de la République, 93177 Bagnole, Paris France). This Congress is a combined academic event of Vienna University of Technology, Sakarya University, Governors State University and The Association of Science, Education and Technology (TASET).

The main aim of the ISTEC Conference is to bring together scholars, researchers, educators, students, professionals and other groups who are interested in science and technology to present their works in this academic platform. All accepted papers will be published in the Proceeding Book with ISBN and modified version of selected papers will be published in peer reviewed journals such as TOJSAT.

It is an international Scientific activity for academics, and educators. This conference is known as a well known technology event and the number of paper submissions and attendees increase every year. It promotes the development and dissemination of theoretical knowledge, conceptual research, and professional knowledge through conference activities, the conference book, and [The Online Journal of Science and Technology \(TOJSAT\)](#). Its focus is to create and disseminate knowledge about the use of scientific and technological applications.



EVERY CONFERENCE BRINGS NEW HORIZONS

SAKARYA UNIVERSITY  
Governors State University  
empower yourself

TOJSAT  
The Online Journal of Science and Technology  
www.tojsat.net

ISTEC  
INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE  
JULY 18-20, 2018  
LOCATION: NOVOTEL PARIS EST., PARIS, FRANCE

The banner features a night view of the Arc de Triomphe in Paris, France, with the ISTEC logo and text overlaid. The logo includes the acronym 'ISTEC' in large red letters, with a stylized atom symbol to its left. Above the main text, there are logos for Sakarya University, Governors State University, and TOJSAT. Below the main text, the conference dates and location are listed.

### Objectives

The convergence of recent scientific and technological activities provides unique opportunities and an infrastructure for both theoretical and applied sciences. However, specific environments for constructing knowledge are needed. In such environments, knowledge media should bring together the technology and learning theories to form meaningful settings for learners with different academic, administrative and support needs. ISTE C aims to provide an environment for researchers to discuss the current state of the science and technology in industry, university and companies

### Deadlines

**Proposal & Abstract Submission Deadline:** Until July 13, 2018

**Full Paper Submission :** Until August 20, 2018

**Registration:** Until July 13, 2018

**Conference:** July 18-20, 2018

More information on: <http://www.iste-c.net/>

### ICEF Beijing Workshop

**10-12 October 2018**

**Grand Millennium Beijing, China**



The ICEF Beijing Workshop is the ideal place for meeting top-quality student recruitment agents from China and greater Asia, while networking and sharing ideas with peers from around the world.

The event enables educators to hold up to 38 pre-scheduled one-to-one business meetings with relevant, quality student recruitment agents, as well as with other educators and service providers. These appointments are 30 minutes in duration and serve the dual objective of meeting with new contacts and maintaining existing relationships.



The workshop programme also includes meals, refreshment breaks and evening functions, which also offer valuable networking opportunities.

More information on: <http://www.icef.com/workshops/the-icef-beijing-workshop/>

## 7<sup>th</sup> International Symposium of Engineering Education

*A Connected Engineering Curriculum – Learning Through Enquiry and Practice*

17 - 18 July 2018

UCL Faculty of Engineering Sciences, London, UK

International Symposium of Engineering Education (ISEE) will be held on 17-18 July 2018 in London hosted by the Centre for Engineering Education, UCL, and following on from the successful conferences in 2016 (Sheffield) and 2014 (Manchester):



The focus of the 2018 symposium is to consider: *“How can universities support today’s aspiring engineers in preparation for the uncertain challenges they will be facing tomorrow?”*

With a desire to create a Connected Engineering Curriculum, the major themes for ISEE 2018 are:

- Connecting students with practitioners throughout their learning journey
- Building a through-line of enquiry activities into, and through, the programme
- Bridging student interaction across subjects, perspectives, and global regions
- Linking student academic learning with in-practice workplace education
- Assessing engineering specific deliverables directed at the pertinent corresponding audience
- Unifying the student experience across cohorts, programme progression, and graduate alumni

The ISEE Organising Committee:

- Prof Eva Sorensen, Chemical Engineering, UCL (chair) [e.sorensen@ucl.ac.uk](mailto:e.sorensen@ucl.ac.uk)
- Prof Dermot Brabazon, School of Mechanical & Manufacturing Engineering, Dublin City University
- Dr Plato Kapranos, Department of Materials Science & Engineering, University of Sheffield
- Dr Folashade Akinmolayan, School of Engineering and Material Science, Queen Mary University of London
- Justin Siefker, Engineering Sciences, UCL

Conference secretariat: Paula Broome, UCL [p.broome@ucl.ac.uk](mailto:p.broome@ucl.ac.uk)

<http://www.engineering.ucl.ac.uk/centre-for-engineering-education/isee-2018/>

## 20<sup>th</sup> SOUTH EAST ASIA GEOTECHNICAL CONFERENCE

5 - 8 November 2018

Pullman Jakarta Central Park, Jakarta, Indonesia

The conference is organized by Indonesian Society for Geotechnical Engineering (HATTI), under the auspices of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), and Ministry of Public Works and Housing, Government of Indonesia.



### Topics:

[foundation and its problem](#)

[deep excavation basement and tunnels](#)

[soft soil and marine foundation](#)

[soil improvement](#)

### Keynotes and Invited Speakers

- Ir. Basoeki Hadimoeljono, M.Sc., PhD (Indonesian Minister of Public Work)
- Prof. Askar Zhussupbekov (Eurasian National University and TC ISSMGE for Mega Infrastructures, Kazakhstan)
- Prof. Ikuo Towhata (Kanto Gakuin University, Japan)
- Prof. Masyhur Irsyam (President of HATTI, Indonesia)
- Prof. Paulus P. Rahardjo (Universitas Katolik Parahyangan, Indonesia)
- Prof. Eun Chul Shin (Incheon National University, South Korea)
- Prof. Chang-Yu Ou (National Taiwan University of Science and Technology, Taiwan)
- Prof. Chu Jian (Nanyang Technological University, Singapore)
- Dato' Dr. Ir. Gue See Sew (CEO of G & P Professionals, Malaysia)
- Dr. Noppadol Phien-wej (Asian Institute of Technology, Thailand)

All questions about submissions should be emailed to [secretariat@seagc2018.com](mailto:secretariat@seagc2018.com).

Conference website <https://www.seagc2018.com/>

## World Education Engineering Forum - Global Engineering Dean's Council

12 -16 November, 2018

Albuquerque (ABQ), New Mexico



On November 12<sup>th</sup> through 16<sup>th</sup>, 2018, the University of New Mexico School of Engineering, in collaboration with the Ibero-American Science and Education Consortium (ISTEC) and the Global Innovation Network for Entrepreneurship and Technology (GINET), will host the VIII World Engineering Education Forum, the X Global Engineering Deans Council, the XIV Global Student Forum, and the First Ever Global Career Fair in Albuquerque (ABQ), New Mexico. This prestigious event, held for the first time in the United States, will also feature the Global Entrepreneurship Challenge.

The theme of the WEEF-GEDC 2018 conference is ***Peace Engineering: prosperity, sustainability, social equity, diversity, culture of quality, innovation and entrepreneurship.***

These events will attract between 1,000 and 1,500 people representing the US and foreign companies, national labs, venture funds, multilateral organizations, foundations, NGOs, and engineering deans and faculty from around the world. In addition, we are planning for up to 200 crème-de-la-crème undergraduate and graduate students for the global career fair.

The conference will address the future of engineering and engineering education, as it pertains to Peace Engineering, and provide a platform for university presidents and company CEOs to share their views.

### 2018 Conference Themes are:

- How do we teach/learn about Peace Engineering?
- Relationships among academia, industry, governments, multilateral organizations, NGOs
- Hands-on Education/Experiential Learning/Inquire Learning/Problem Based Learning
- T4: Entrepreneurship in the Circular Economy – 4<sup>th</sup> Industrial Revolution and Enabling Success
- T5: Peace Engineering Challenges and Emerging Ideas

More information: <http://weef-gedc2018.org/the-conference/>

## 29<sup>th</sup> Australasian Association of Engineering Education (AAEE)

9 -12 December 2018

Hamilton, New Zealand

The Australasian Association for Engineering Education, AEEE, is a professional association of academics, support staff, postgraduate students, librarians, professional engineers, and employers who all have vested interests in fostering excellence and innovation in engineering education. The general mission of AAEE is to improve the quality, relevance and performance of engineering education in Australasia.

### 29th Australasian Association for Engineering Education Conference 2018



[www.aee2018.com](http://www.aee2018.com)

9-12 December 2018

THE UNIVERSITY OF WAIKATO + WINTEC, HAMILTON



The future Engineer: Accounting for Diversity

AAEE is the premier engineering education conference for the southern hemisphere and involves a gathering of 250-300 tertiary engineering educators and stakeholders to discuss recent research, issues and trends in educating the current generation of engineers. Primarily held in Australia, the last time this conference was in New Zealand was in 2014. This year AAEE is co-hosted by the University of Waikato and the Waikato Institute of Technology (Wintec).

The Australasian tertiary engineering education sector, as a provider of new engineers to the engineering industry, has to meet the needs of industry and engineering accreditation panels, while also delivering content that utilises the latest education techniques and attractive to students.

To avoid disconnect between engineering academia and industry, it is vital we bring all stakeholders together to discuss engineering education needs and delivery. With the conference being held in Hamilton, this is a great opportunity for New Zealand engineering companies, professional bodies, suppliers and education providers to attend and offer their support.

#### Themes:

- Beyond the Qualification – future-proofing engineering education for a diverse workforce
- Beyond Tolerance – educational practices that embrace diversity
- Beyond the Classroom – tailoring engineering and STEM education to meet the needs of all stakeholders.

More information: <http://www.aee2018.com/mihi-welcome/>

## World Construction Forum WCF2019

8 – 11 April 2019

Ljubljana, Slovenia



World Construction Forum WCF2019 that will be held in the Cankarjev dom – Cultural and Congress Centre in Ljubljana, Slovenia, from 8 – 11 April 2019 under the honorary patronage of His Excellency Mr. Borut Pahor, President of the Republic of Slovenia.

The event is jointly organized by the Slovenian Chamber of Engineers (IZS) under the auspices of the World Federation of Engineering Organizations (WFEO) and by the Faculty of Civil and Geodetic Engineering of the University of Ljubljana (UL FGG) with co-operation of several further international and national organizations and associations. The WCF2019 is dedicated to the 100th Anniversary of the Ljubljana Engineers Chamber predecessor of the Slovenian Chamber of Engineers and to the 100th Anniversary of the University of Ljubljana.

The WCF2019 overall theme is Buildings and Infrastructure Resilience from Climate Change to Disaster Risk and Facility Management and we would like to attract different stakeholders interested into this topic, such as practicing engineers and architects, policy makers from administration bodies of all levels, researchers and scientists, university professors and students, construction industry representatives, developers and investors – all of you are invited to contribute to WCF2019 and be present at this important world event in Slovenia, a step forward from the successful World Engineering Forum WEF2012 in Ljubljana, Slovenia with its theme Sustainable Construction for People.

More information on the Forum web page <https://www.wcf2019.org/>

## CALENDAR

Date	Event	Place
17-18.07. 2018	7 <sup>th</sup> International Symposium of Engineering Education <i>“A Connected Engineering Curriculum – Learning Through Enquiry and Practice”</i>	London, UK



<http://www.engineering.ucl.ac.uk/centre-for-engineering-education/isee-2018/>

08-10.08. 2018	International Educational Technology Conference - IETC 2018	Bloomington, Indiana, USA
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<http://iet-c.net/>

05-08.09.2018	4 <sup>th</sup> Conference EUCEET Association <i>“Challenges for the Third Millennium”</i>	Barcelona, SPAIN
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<http://congress.cimne.com/EUCEET2018/frontal/default.asp>

<b>Date</b>	<b>Event</b>	<b>Place</b>
06.09.2018	11 <sup>th</sup> General Assembly of the EUCET Association	Barcelona, SPAIN



8-10.09.2018	The ICEF Higher Education Workshop	Geneva, SWITZERLAND
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<http://www.icef.com/workshops/the-icef-higher-education-workshop/>

16-21.09.2018	11 <sup>th</sup> International Conference on Geosynthetics (11ICG)	Seoul, KOREA
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<http://www.11icg-seoul.org/mail/m-e15.html>

<b>Date</b>	<b>Event</b>	<b>Place</b>
18-22.09.2018	46 <sup>th</sup> SEFI annual conference	Copenhagen, DENMARK



<http://www.sefi2018.eu/>

23-26.09.2018	GeoEdmonton 2018	Edmonton, CANADA
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<http://www.geoedmonton2018.ca/>

09-15.11.2018	2 <sup>nd</sup> International Seminar on Roads, Bridges and Tunnels "Challenges and Innovation"	Thesalloniki, GREECE
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<http://isrbt.civil.auth.gr/>

