



EUCEET Association

NEWSLETTER 4/2017

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FROM THE EUCEET ASSOCIATION

Brief report about the EUCEET Association WORKSHOP 2017

The EUCEET Association workshop "*Trends and challenges in Civil Engineering Education in Europe*", was incorporated in the programme of the 100+ Forum Russia.

100+ Forum Russia, the Forum of high-rise and unique constructions, was organized for the fourth time in Ekaterinburg.

75 events of the forum's program were attended by about five thousand people and more than three hundred speakers.



The forum gathered world-famous architects, urbanists, experts in the field of high-rise construction, specialists in unique structures, and specialists in the organization of urban transport.

The EUCEET Association workshop "*Trends and challenges in Civil Engineering Education in Europe*", took place on 5th October 2017 between 11.30-13.00.

Seven presentations were included in the programme:

- ***Floating Production Facility Semisubmersible***

Prof. Laurie BOSWELL

(City University of London, United Kingdom)



- ***A Massive Open Online Course (MOOC) for the multidisciplinary design of bridges***

Prof. José Antonio LOZANO-GALANT

(Universidad de Castilla-La Mancha)



- ***Educating XXIst century Civil Engineers in Barcelona***

Prof. Jose TURMO

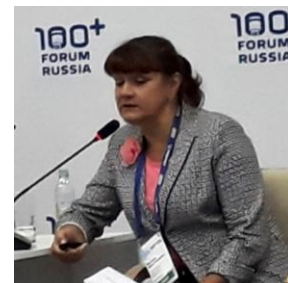
(UPC BARCELONATECH)



- ***Building Design for Sustainable Development***

Prof. Irina MALTICHEVA and Prof. Vladimir ALEKHIN

(Ural Federal University)



- ***The Application of Structural Models as a Teaching Tool for Students***

Prof. Doina VERDEŞ

(Technical University of Cluj-Napoca)

Prof. Laurie BOSWELL

(City University of London)



- *Africa: a new horizon for European civil engineering education?*

Prof. Thibaut SKRZYPEK

(École des Ponts ParisTech)



- *Free-Field seismic response analysis by Linear-Equivalent and Non-Linear analyses: The Piazza dei Miracoli in Pisa Case Study*

Prof. Diego Lo Presti

(University of Pisa)



Some photos OF THE EUCEET Association representatives taken at the Forum 100+ Russia Ekaterinburg, 5th October 2017



Brief report on the 10th General Assembly of the EUCEET Association

The 10th General Assembly of the EUCEET Association took place in Ekaterinburg, Russia on 5th October 2017, after the EUCEET Association workshop "*Trends and challenges in Civil Engineering Education in Europe*", being included in the programme of the 100+ Forum Russia.

The General Assembly was attended by 11 people, representing 9 institutions members of the Association, from 8 countries.

At the meeting were discussed matters related to the activity of the Association between the GA held in Cluj-Napoca on 29th September 2016 and 5th October 2017, and were defined the lines of the activity in 2018. A central point was the discussion concerning the organization of the 4th Conference of the Association to be held in September 2018 in Barcelona.



Group photo taken at the International Exhibition Center "Ekaterinburg-EXPO" which hosted the 10th General Assembly of the Association

Result of the fourth application for the project "Resilience by Design"

The fourth application for the project "*Resilience by design*" under the action KA2 Strategic Partnership of the Erasmus+ programme was prepared by the Technical University of Civil Engineering Bucharest, under the coordination of Prof. Tudor Bugnariu and submitted electronically to the Romanian National Erasmus Agency for Erasmus on 28th March 2017, having EUCEET Association among participants.

The list of partners was the following one:

No.	Institution	Country
1	TUCE BUCHAREST (applicant)	Romania
2	KATHOLIEKE UNIVERSITEIT LEUVEN	Belgium
3	ECOLE SPECIALE DES TRAVAUX PUBLICS, DU BATIMENT ET DE L'INDUSTRIE, PARIS	France
4	ARISTOTLE UNIVERSITY OF THESSALONIKI	Greece
5	UNIVERSITY OF PATRAS	Greece
6	UNIVERSITY OF PISA	Italy
7	RIGA TECHNICAL UNIVERSITY, FACULTY OF CIVIL ENGINEERING	Latvia

8	VILNIUS GEDIMINAS TECHNICAL UNIVERSITY	Lithuania
9	BIALYSTOK UNIVERSITY OF TECHNOLOGY	Poland
10	WROCŁAW UNIVERSITY OF SCIENCE AND TECHNOLOGY	Poland
11	TECHNICAL UNIVERSITY OF CLUJ-NAPOCA	Romania
12	UNIVERSITAT POLITECNICA DE CATALUNYA	Spain
13	EUCEET ASSOCIATION	Belgium

Duration proposed for the project was 3 years (1st September 2017 - 31st August 2020) and the grant requested was 445148 EURO.

The application was evaluated at the Romanian National Agency for Erasmus+.

From the 33 projects in competition, were accepted 8, among which, unfortunately, was not present "*Resilience by design*".

The highest score for an accepted project was 79,0/100, the lowest score for an accepted project was 68,5/100.

The highest score for a rejected project was 67,5/100, the lowest score for a rejected project was 47,5/100.

"*Resilience by design*" got 61,0/100, being the 10th among the 25 rejected projects.

The announcement of the 4th EUCEET Association Conference

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

The theme of the conference is "**Challenges for the Third Millennium**".

Conference Venue

Barcelona School of Civil Engineering (ETSECCPB)
 Technical University of Catalonia, BarcelonaTech
 C / Jordi Girona 1-3, C2
 08034-Barcelona, SPAIN



Barcelona School of Civil Engineering

Topics:

New contents and capabilities: Resilience, sustainability, BIM (Building Information Modelling), soft skills, automation, artificial intelligence, smart cities, UAV (Unmanned Aerial Vehicles).

Methodology: Student centered teaching methods, online learning, flip learning, active learning, PBL (Project Based Learning)

The impact of educational policies on education: quality management, quality control and accreditation agencies, links between teaching, research and practice.

Important dates:

December 2017: Call for papers

January 31st, 2018 1st Deadline for Abstract Submission

March 7th, 2018: Notification acceptance of Abstracts

May 31st, 2018: Deadline for Paper Submission

June 15th, 2018: Notification acceptance of papers and tentative program.

June 30th, 2018: End of Early Bird registration and final program

5th -8th September 2018: Conference

Preliminary programme:

DATE	TIME	Event
Wednesday 5 th September 2017	18:00-20:00	Early registration and Welcoming Reception.
Thursday 6 th 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 th September 2017	09:00-14:30	Conference
	16:30-19:00	Technical Visit. Sagrada Familia
Saturday 8 th September 2017	10:30-12:30	Technical Visit. Roman Civil Engineering Works

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

New member of the EUCEET Association

POLIS University, ALBANIA

Here is a presentation of POLIS University received from Flora Krasniqi, Project and Research Development Coordinator/ Lecturer, Faculty for Research and Development.



About POLIS

POLIS University, The International School of Architecture and Urban Development Policies (hereinafter POLIS), is a young, yet ambitious and engaged high education institution, quality research-led university, supporting a focused range of core disciplines in the fields of architecture, urban planning, design and environmental management. With its *forerunner approach*, POLIS aims at building a critical mass prepared to face the development needs and patterns as well as Albania's aspiration to develop by EU standards. Established in 2006, POLIS offers a focused range of disciplines on a bachelor, master and PhD level, supported by a growing body of applied and scientific research.

The University, whose reputation as a leading academic institution in the country was reconfirmed by the report of the *Commission for National Reform for Higher Education and Scientific Research* in 2015, counts three faculties. Namely the Faculty of Architecture and Art Design, the Faculty of Planning, Environment and Urban Management, and Faculty for Research and Development. In support of the teaching activities, POLIS regularly invests in a growing suitable and up-to-date physical infrastructure, such as thematic laboratories, auditoriums, etc.



Research and Academic Excellence

Today we offer a focused range of study programs including Bachelor, Master and Doctoral programs, such as: undergraduate studies in Environmental management, Urban Planning, Architecture and Art-Design, followed by the post-graduate scientific and professional masters in Environmental Management, Structural Engineering and Energy Efficiency, Urban Social Development and Human Resources, Public Administration, Real Estate Development and Heritage Restoration and Conservation; a joint Masters in Business Administration (MBA), and doctoral programs, in Architecture, and Urban Planning. About 50% of the study programs, especially on a Master and PhD level, are offered in cooperation with a foreign partner, such as: IHS - Institute for Housing and Urban Development Policies, Erasmus University, Rotterdam, the Netherlands; Lawrence Tech Detroit, USA; University of Ferrara, Italy, etc., including the MBA program, which has been drafted and is currently being implemented as a joint degree between IPAG Business School, Paris, France and POLIS.

Research constitutes an inseparable component of each of these programs, be it on bachelor, master or PhD level, as a natural response to the institutional needs, as well as a response to the current needs and priorities of the social, political and economic context in Albania.

Project Portfolio

Transfer and application of knowledge and direct involvement in projects constitutes a POLIS objective, instrumental to its teaching excellence and overall mission. The university has a growing portfolio of implemented projects, be it in the capacity of partner or lead partner, both on a local, regional and international scale, such as:

- Several projects on a local scale such Territorial Plans, General Development Policies and Local Plans and strategic documents for numerous LGUs in the country such as: Vora, Zagoria, Has, Bajram Curri, Librazhd, Burrel, Krumë, etc.;
- Two ongoing EACEA TEMPUS projects (acting as a lead partner in one of them): More specifically, POLIS University is currently implementing in the capacity of *lead partner (among 11 partners)* the EACEA TEMPUS - “*Developing and Adapting Professional Programs for Energy Efficiency in the Western Balkans*” project, with a total budget of 825,101 Euro. This is the first TEMPUS Project for Albania as a lead partner. Further, it is also an implementing party (one of 13 partners) of yet another EU funded TEMPUS project “*Connecting Science-Society Collaborations for Sustainability Innovations*”, with a total budget of 1,092,185.38 Euro.

Since last year, POLIS is also an implementing partner for two HORIZON 2020 projects, and several Erasmus Mundus Mobility Projects such as:

- (1) Traffic Safety Culture and the Safe Systems Approach Towards a Cultural Change Research and Innovation Agenda for Road Safety - MSCA-RISE-2014, Marie Skłodowska-Curie Research and Innovation Staff Exchange;
- (2) Future Architecture Platform – a Creative Europe funded Project.
- (3) An Erasmus+ Key Action 1 Mobility Program between West Balkan countries and Erasmus University Rotterdam;

POLIS University is also the *initiator* and home to two landmark annual events, such as Tirana Architecture and Design Weeks. For at least 3 weeks every year, these international events place Tirana under the spotlight of contemporary developments and discourses in the field of architecture, urban planning, art design, and environmental issues, intended to contribute to current domestic issues, such as major reforms, national discourses, etc. Most recently, POLIS has contributed substantially to the process of Territorial Administrative reform, and the discussion on Regional Development, contributing with qualitative well-researched analyses and proposals such as “*Albania Manifesto 2030*”, “*The Regionalization of Albania*”, etc.



More information on: <http://www.universitetipolis.edu.al/>

FROM MEMBERS

L'École des Ponts ParisTech, FR



MOOC MOBILITIES AND ELECTRIC VEHICLES

Will electric cars be the last ones to circulate in the metropolis of the 21st century?

Does the environmental gain associated with the electrification of vehicles justify massive investments in recharging infrastructure? Is the electric vehicle reserved for the rich of the countries of the North? In order to allow as many people as possible to build answers to these questions, the Renault Foundation and the École des Ponts ParisTech have joined forces to produce the MOOC "*Mobilités et véhicules électriques*".

This project required the mobilization of elements from the engineering sciences, sociology, environmental sciences, economics and political sciences to evaluate, analyze and implement the deployment of electric vehicles where it is relevant. The entire ecosystem of École des Ponts ParisTech has been mobilized. From the School's laboratories (LVMT, Cired), its academic partners (IFSTTAR, Arts et Métiers ParisTech, Polytechnique, IFPEN), its institutional partners (AVERE, AFD), its industrial partners (Renault, SNCF), nearly 30 academic and industrial experts have been mobilized to allow everyone to build their own judgment on electric mobility. However, it is not necessary to be an engineer, geographer, sociologist or economist to follow this MOOC. All you have to do is learn how these sciences inform this debate.

Teaser Youtube: https://www.youtube.com/watch?time_continue=3&v=rBlvy6yZ-hs

This MOOC combines course videos taking stock of a dimension of the problem in about ten minutes, methods points allowing the fun acquisition of analytical tools, "Did you know?" synthesizing the information available on a subject in 3 minutes and expert opinions from Renault, world leader in the production of electric vehicles, or other partners.

The MOOC is organized around 8 chapters to understand the issues of sustainable mobility, to draw up an inventory of electrical mobility and sketch a prospective panorama of its deployment. It is available in French, with optional English subtitling, on the *Coursera platform* from November 15, 2017.

CONFERENCE: BUILDING AS A SERVICE, THE FUTURE OF REAL ESTATE?

On 30 November 2017 took place the conference "*Building As A Service: The Future of Real Estate?*" organized under the auspices of the Specialized Master in Real Estate and Sustainable Buildings of the Ecole des Ponts Paris Tech.

The economy of functionality is announced as one of the major transformations at work. Auto sharing, music streaming platform and video ... We sell more goods but uses. All business sectors are gradually being affected and real estate will be no exception. Offices are starting to be concerned. How do stakeholders in residential real estate, office real estate and hotels envision their entry into the era of functionality? How are they preparing for it? How do they adapt to it?

Learn more about the Specialized Masters Real Estate and Sustainable Buildings:

<http://www.enpc.fr/en/advanced-master-sustainable-real-estate-building-energy-digital-transitions>

DEANS' FORUM: PRESTIGIOUS INTERNATIONAL UNIVERSITY WELCOMED AT ENPC

The Deans' Forum brings together five major French schools: École des Ponts ParisTech, CentraleSupélec, Ecole Polytechnique, Mines ParisTech and IMT Atlantique, IBM-Watson, also a founding member, as well as several universally recognized universities in the technical fields: University of Tokyo (Japan), UC Berkeley (USA), MIT, ETH Zurich (Switzerland), Imperial College London (UK), University of Cambridge (UK), University of Oxford (UK), KTH Royal Institute of Technology (Sweden), Technical University of Munich (Germany).

It takes the form of an annual meeting bringing together the Directors and Deans of Member Schools of Engineering and representatives of the industrial world invited to speak and debate on a chosen theme. It is a unique moment of exchange where issues related to teaching and research are addressed.

On the occasion of the 5th Deans' Forum, which took place on November 9 and 10, 2017, École des Ponts ParisTech organized the event on behalf of the five major French member schools, welcomed the representatives of some of the most prestigious engineering schools in the world: University of Cambridge, University of Oxford, Technical University of Munich, KTH Royal Institute of Technology, University of Tokyo, ETH Zurich and CentraleSupélec.

The international attendance composed of nearly 40 deans of "schools of engineering" and senior executives from French and international companies discussed the collaboration between universities and companies in the fields of smart and sustainable cities. Under the direction of Didier Roux, President of the Scientific Council of the École des Ponts ParisTech and with the contribution and the informed comments of Sophie Mougard, Director of the Ecole des Ponts ParisTech and Professor Tatsuya Okubo, Dean of the School Engineers from the University of Tokyo, were exchanged views around: sustainable mobility, energy transition, smart mobility in urban areas and buildings of the future, all crucial issues for the future of our societies. The industrial partners included EDF, Hitachi, Scania, IBM, Horiba France, IHI Corporation and Renault.

KICK-OFF OF ANR EVNATURB PROJECT

The ANR EVNATURB research project was officially launched on October 16, 2017 at École des Ponts ParisTech. Scheduled for a period of four years and coordinated by Pierre-Antoine Versini (HM & Co Laboratory), the project proposes to develop methods and tools to evaluate the eco-systemic performance of a renaturation of the urban environment. The envisaged approach - systemic, multi-service and multi-scale - will allow integrated consideration of rainwater management, cooling and biodiversity.

Contexts - École des Ponts ParisTech/HM & Co

The project brings together a consortium of academic organizations (École des Ponts ParisTech, Agro ParisTech, Cerema) and industrial organizations (Société du Grand Paris, Certivéa, Gally Gardens, VulkaTec) around these themes. EVNATURB will begin with a thesis on the measurement and modeling of thermal flows around vegetated structures. It will be possible to follow project progress very soon via the HM & Co website ><http://www.enpc.fr/en/laboratories-research-hydrology-meteorology-complexity>



EUROPEAN WEEK OF WASTE REDUCTION 2017

Dévelop'Ponts, the solidarity association of École des Ponts ParisTech, is associated with the European Week of Waste Reduction (SERD) and organizes several events during the week of 18 to 26 November 2017.

One of the events was a round table held on November 22, 2017, on the theme "**What solutions to waste treatment at different scales?**". It gave the floor to three speakers from different structures: the association Zero Waste France, the bio-waste collection company Moulinot and a representative of the city of Paris. The round table ended with a zero waste meal.

University of Porto, PT



The “*2nd Summer School on Complex Fluid-Flows in Microfluidics*”* will be held at the Faculty of Engineering of the University of Porto (Portugal), from 9th -13th July 2018.

The first edition of the “Summer School on Complex Fluid-Flows in Microfluidics” was held at the Faculty of Engineering of the University of Porto, Portugal from the 10th to the 14th of July 2017 sponsored by Anton Paar, Applied Sciences, BlackHole Lab, Elveflow, Formulation, and the Portuguese Society of Rheology (in alphabetical order).



This 5-days course (6 hours/day) intended to provide cutting-edge knowledge on complex fluid-flow at microscale to those researchers working on microfluidics, complex fluids, or a combination of both. The content of the course tried to cover the three classical approaches, i.e. theoretical, experimental, and numerical to tackle scientific problems related with complex fluidflows at microscale, having the following blocks/units:

- “Complex fluids and rheology in microfluidics” (F. J. Galindo-Rosales, CEFT/FEUP, Portugal),
- “Fabrication techniques in microfluidics” (S. Cardoso de Freitas, INESC-MN, Portugal),
- “Fluid-flow characterization in microfluidics” (L. Campo-Deaño, CEFT/FEUP),
- “Numerical simulations of complex fluid-flows at microscales” (A.M. Afonso, CEFT/FEUP), and
- “Numerical optimization in microfluidics” (K.E. Jensen, DTU/Nanoprobes, Denmark).

A book gathering the expertise of the chairs was especially edited for the occasion and distributed among the participants (Galindo-Rosales FJ (Ed.): *Complex Fluid-Flows in Microfluidics*, Springer, DOI 10.1007/978-3-319-59593-1 (2018)), together with another book on applied rheology (Mezger TG: *Applied Rheology – With Joe Flow on Rheology Road*, Anton Paar (2014)), which was kindly provided by Anton Paar.

The course was conceived and planned to be interactive and practical, thus 3 hours of lectures were provided during the morning sessions followed by a 3-hours hands-on/workshop slot during the afternoon sessions, providing time enough for the presentations of some participants, visiting the microfluidic laboratory at the Transport Phenomena Research Centre, and solving some exercises in the computer laboratory.

The course gathered 5 chairs and 35 participants from 11 different nationalities, 8 of which were selected for contributing actively to the content of the course.

Academic participants had the opportunity to make a 20 minutes presentations about their current research activities and setting forth their problem to the audience, who actively provided feedback and possible solutions, both during the time for questions and coffee breaks:

- *"Anomalous behaviour of a viscoelastic pendant drop"*
Alberto Ponce Torres (Ph.D. student at University of Extremadura, Spain);
- *"Design of yield-stress fluids: A rheology-to-structure inverse problem"*
Arif Z. Nelson (Ph.D. student at University of Illinois Urbana-Champaign, United States);
- *"Cleaning of medical devices with microslugs "*
Mónica Silva (Ph.D. student at University of Porto, Portugal);
- *"Understanding the suppression of prompt splash with polymer additives",*
Emilio J. Vega (Assistant Professor at University of Extremadura, Spain);
- *"Numerical solution of viscoelastic multiphase flows"*
Cássio Oishi (Assistant Professor at São Paulo State University, Brazil);
- *"An open source 'strong' non-Newtonian FSI solver implementation"*
Lucas Ribeiro de Azevedo (Ph.D. student at TU Darmstadt, Germany).

Participants from the industry enjoyed 90 minutes to talk about their products and latest developments for microfluidics applications, in order to compensate slightly the imbalance situation between the number of representatives from the academia and industry in the event:

- Patrick Abgrall (R&D Project Manager at Formulacion, France)
"Fluidicam Rheo – Microfluidic Rheology",
- Sebastien Cargou (CEO of BlackHole Lab, France)
"Opening microfabrication for all!", and *"Elvesys Innovation Center, the microfluidic valley"*.

More information on: <https://paginas.fe.up.pt/~galindo/SummerSchool2018/Welcome.html>

Moscow State University of Civil Engineering (MGSU), RU

The editorial board of science and research journal "**Vestnik MGSU**" (Proceedings of Moscow State University of Civil Engineering) invites authors to cooperate in order to publish scientific and research articles in the fields of civil construction, design and architecture.



Subject Entries

General Challenges in Construction Science and Industry
Harmonisation and Standardisation in Construction
Architecture and Urban Planning
Reconstruction and Refurbishment
Urban Management
Construction System Design and Layout Planning

Mechanical Equipment Challenges in Construction
Foundation and Substructure Engineering
Soil Mechanics
Engineering and Structural Survey
Special-Purpose Construction
Construction Process Technology. Construction Works and Equipment
Construction Material Engineering
Construction System Safety. Environmental Challenges in Construction. Environmental Geology
Hydraulics Engineering Hydrology. Hydraulic Engineering
Transportation Systems
Challenges in Housing Utilities Sector
Construction Economics, Administration and Management
IT Systems and Logistics in Construction
Engineering Geometry and Computer Graphics
Educational Challenges in Civil Engineering
Short Messages Discussions and Reviews
Personalities Information.

The monthly Journal on civil construction and architecture "Vestnik MGSU" (<http://www.vestnikmgsu.ru/index.php/en>) , ISSN 2304-6600 (Online), ISSN 1997-0935



(Print), two-year impact factor of the journal in the Russian Science Citation Index (RSCI) 1,145 (https://elibrary.ru/title_profile.asp?id=11965) is published since 2006, distributed on subscription basis and free access basis. The journal is published by Moscow State University of Civil Engineering (National Research University) (MGSU).

"Vestnik MGSU" is indexed in the following data bases (more details at <http://vestnikmgsu.ru/index.php/en/indexing>):

- Russian Science Citation Index (RSCI) based on the Web of Science platform (List of magazines of RSCI);
- All-Union Institute of Scientific and Technical Information;
- Russian Science Citation Index (RSCI);
- UlrichsWeb Global Serials Directory;
- DOAJ;
- EBSCO;
- Index Copernicus;
- CyberLeninka.

Editorial board of the "Vestnik MGSU" journal is ready to answer your questions via e-mail redvestnik@mail.ru<<mailto:redvestnik@mail.ru>>

Ural Federal University, RU



100+ Forum Russia

The representatives of the Ural Federal University named after the first President of Russia B.N. Yeltsin took part in the business program of educational cluster 100+ Education at the Forum of High-rise and Unique Construction at IEC Ekaterinburg - EXPO in pavilion No. 3 from 4 to 6 October 2017.

Prof. Irina MALTSEVA and Prof. Vladimir ALEKHIN (UrFU Institute of Civil Engineering) presented in the frame of the EUCEET Association workshop "**Trends and challenges in Civil Engineering Education in Europe**" a new master's program "**Building designing for sustainable development**",



which was created in collaboration with five European, two Armenian and five Russian universities. The educational project is implemented

within the framework of the international program ERASMUS+.



In addition, on 5th October 2017 at the **Round Table: Sustainable Territory Development as the responsibility of young people**, UrFU Institute of Civil Engineering presented new developments and roadmap of the institute at the school of young scientists. The meeting of the School of Young Scientists was attended by young scientists, graduate and master's degree students, leading Russian and international specialists (from Great Britain, Italy, Romania, etc.) in the field of urban development, architecture and building technologies, structures and materials.

Topics for discussion were:

- Concepts and strategies of territories' development
- Resources (including energy) saving technologies
- Economic and technical aspects of design, erection and monitoring of unique buildings and structures
- New materials
- Green construction
- Computer simulation technologies
- Security of construction critical infrastructures and territories
- International cooperation
- Quality of education

Director of the Institute of Civil Engineering of the Ural Federal University named after the first President of Russia B.N. Yeltsin, Alexey Krupkin, addressed a welcome to the audience.

At this round table were the following presentations:

- ***Developing technical English skills for civil engineering students***
Jose Antonio Lozano Galant, Ph.D., Associate Professor, University of Castilla-La Mancha
- ***New aspects of the British education system and how it could work for you?***
Paul Colston, Managing Editor, Mash Media Group (GB)
- ***The seismic resilience of buildings***
Doina Verdeş, Professor, Technical University of Cluj-Napoca
- ***Practices of application of self-lifting framework and wind protection at high-rise buildings construction***
Maxim Obukhov, Process Engineer, PERI LLC
- ***Development and adaptation of passive housing concept. Examples of implementation***
Alexandr Yelokhov, Director, Institute of Passive Housing LLC
- ***BIM technologies in education***
Andrey Belkevitch, Deputy General Director, AMKAD LLC
- ***Investments in the education system as a tool for "sustainable development"***
Inna Gubanova, Deputy Head of the TECHNICAL Construction Academy



Some photos taken at the
Round Table: "Sustainable Territory Development as the responsibility of young people"

On October 6, at 9:00, the vice-president of the Russian Academy of Architecture and Building Sciences, academician Vladimir Travush presented a lecture "*High-rise construction: from the past to the future*" in the hall of the Academic Council of Ural Federal University (Mira,19). Vladimir Travush is one of the authors of the project of the Ostankino TV tower in Moscow.

The Olympiad "*I am a professional*" is held under the auspices of the President of Russia

"*I am a professional*" is a large-scale educational National Olympiad of a new format for students of different specialities: technical, humanitarian and natural-science. A total number of directions - 27, including "**Civil Engineering**".

It is expected that around 200 thousand people will take part in the Olympiad in all directions. In the "*Civil Engineering*" direction - up to 6.5 thousand students.



The main platform of the Olympiad in the "*Civil Engineering*" direction is the Institute of Civil Engineering at the Ural Federal University named after the first President of Russia B.N. Yeltsin. The Ural Federal University (UrFU) is one of the oldest universities in the Urals region. Today, the university has 35,000 students and offers 236 educational programs. UrFU's goal is to increase the international competitiveness of the Ural region, to increase human and scientific and technical potential, to stimulate the renewal of traditional and development of postindustrial sectors of the Russian economy.

There are five universities co-organizers throughout the country in each federal district: Far Eastern Federal University, Moscow State University of Civil Engineering, Peter the Great St. Petersburg Polytechnic University, Kazan State University of Architecture and Civil Engineering, Don State Technical University, Tomsk State University of Architecture and Civil Engineering. Among partners there are the largest construction companies such as "Atomstroykompleks" (5000 employees) and the "LSR Group" (35000 employees).

The "*Civil Engineering*" direction includes three trajectories: "*Industrial and Civil Construction*", "*Heat and Gas Supply and Ventilation*" and "*Water Supply and sewerage*".

The Olympiad tasks for the participants were made by experts from the leading Russian universities and the largest companies of the country. Experts will check not online abstract erudition, but mostly professional knowledge. The examination questions are developed primarily for students of senior undergraduate courses (first level); students of the third - sixth specialization courses and all master's courses (second level). Everyone can test himself and check the level of his qualification. Participation in the Olympics is free for all.

Prizes for the best participants:

- cash bonus for gold medalists: 200 thousand rubles for students and holders of a bachelor's degree, 300 thousand rubles - for students and holders Diploma of the specialist and Master's degree;
- a certificate for admission to a master's or post graduate courses of a prestigious university;
- Uploading of the profile in the National Database "Young Professionals" - the register of students to which HR specialists of large companies and recruiters of leading agencies will have access. For everyone who gets into this database, the organizers will help to make a resume, and also prompt which competencies to develop and how to do it.

ECCE – European Council of Civil Engineers



PRESS RELEASE 66th ECCE General Meeting 4th – 6th October 2017, Vienna, Austria

The 66th ECCE General Meeting was held on 4 October 2017, in Vienna, Austria at the “*Haus der Ingenieure*” hosted by the Federal Chamber of Architects and Chartered Engineering Consultants / Section for Chartered Engineering Consultants / Federal Expert Group for Civil Engineering.

On 3 October, the ECCE Executive Board meeting was held.



66th ECCE General Meeting group photo

The 66th ECCE General Meeting was very well attended with delegations from almost all of the ECCE Member organizations. The meeting was chaired by the ECCE Vice President / President Elect Aris Chatzidakis. The opening speech was made by the President of the Austrian Federal Chamber of Architects and Chartered Engineering Consultants Christian Aulinger who welcomed all the participants and introduced to them the structure and functions of the Austrian Chamber. The ECCE General Secretary Maria Karanasiou read a letter on behalf of the ECCE Acting President Włodzimierz Szymczak who was not able to attend this meeting and conveyed his message to all the participants.

Among the distinguished guests were WCCE President Alfonso Gonzalez, WCCE Past President Emilion Colon, EAMC President Adil Al Hadithi, and EAMC Secretary General Nicola Monda.

In the meeting, the *ECCE activity report June - September 2017* was presented by the ECCE Vice President/President Elect Aris Chatzidakis describing briefly the ECCE activities since our last meeting in June, in Antalya. The main activities of ECCE during this period of time were focused mainly on the

preparation of the 3rd European Engineers Day, the organization of the “2018 European Year of Civil Engineers”, the finalization of the two Position Papers that had been elaborated over the past few months, as well as matters of internal organization and function.

During the 66th ECCE General Meeting ECCE’s position and ECCE Vice President / President Elect’s main opening remarks in the 3rd European Engineers Day that was held the following day were discussed. Also, the progress regarding the organization of the ECCE initiative “2018 European Year of Civil Engineers” was presented by the Steering Committee for the 2018EYCE member Paul Coughlan (UK National Delegate). As part of the topic about the 2018EYCE, a *briefing on the ICE 200* (Institution of Civil Engineers’ 200th Anniversary) was delivered by Ingrid Farmer (UK delegate). A Global Engineering Congress will be held in London on 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 68th ECCE General Meeting which will also be the closing event of the 2018EYCE.



President of the Austrian Federal Chamber of Architects and Chartered Engineering Consultants Christian Aulinger

During the 66th ECCE General Meeting the first two ECCE Position Papers were adopted by the ECCE General Assembly. The [Position Paper on “Infrastructure and water management”](#) was prepared by George Demetriou from the Cyprus Council of Civil Engineers in collaboration with a technical committee which consists of water experts from Cyprus, Greece and Slovenia. The *Position Paper on “Appropriate regulation for the practice of civil engineering in Europe”* was prepared by Jose Francisco Saez Rubio from the Colegio de Ingenieros de Caminos, Canales y Puertos (Spain) in collaboration with ECCE Vice President / President Elect Aris Chatzidakis from the Association of Civil Engineers of Greece. Both Position Papers will be

widely disseminated in the following weeks. During this session the importance of the contribution of ECCE members with new proposals and ideas for Position Papers as well as for other deliverables and activities was highlighted. A number of ideas were discussed which will be submitted in written during the following weeks.

The ECCE Financial matters were also presented and discussed. ECCE Vice President / Treasurer Dimitar Natchev described the ECCE financial report until the end of September for the information of the members. He also presented the proposed ECCE Budget for 2018 which was unanimously accepted by the ECCE General Assembly. As a final point he presented the *ECCE Financial Rules* document which was prepared by him and approved by the ECCE Executive Board aiming to better regulate the finances related ExBo’s functions.

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.

Finally, the forthcoming ECCE General Meetings were discussed. The 67th ECCE General Meeting will be held on 30 May 2018 – 2 June 2018, in Tallinn, Estonia. ExBo Member and Estonia National Delegate Andres Piirsalu delivered a presentation about the meeting that will be hosted by the Estonian Association of Civil Engineers which is also going to be combined with an International Conference organized as part of the 2018 EYCE initiative.



From left to right: ECCE General Secretary Maria Karanasiou, ECCE Vice President/ Treasurer Dimitar Natchev, Austrian Chamber President Christian Aulinger, ECCE Vice President/President Elect Aris Chatzidakis, ECCE ExBo Member Andres Piirsalu, ECCE ExBo Member Jose Francisco Saez Rubio

The 68th ECCE General Meeting will be held in London, during the week of 22-26 October 2018. To finish, an official proposal was submitted by ECCE Vice President/Treasurer Dimitar Natchev from the Union of Civil Engineers of Bulgaria to host the autumn ECCE General Meeting in 2019, in Bulgaria.

More information on: http://www.ecceengineers.eu/news/2017/66_ecce_meeting.php?id=41

3rd European Engineers' Day

Concerns about Engineering Excellence

The "3rd European Engineers' Day" was an event co-organized by a number of European Engineering Organizations on a regular basis: The European Council of Engineering Chambers (ECEC), the European Federation of National Engineering Associations (FEANI) and the European Council of Civil Engineers (ECCE) together with the European Network for Accreditation of Engineering Education (ENAE). These organizations represent a wide variety of European Engineering branches and a high number of European Engineers.

More information on:

http://www.ecceengineers.eu/news/2017/3rd_european_engineers_day.php?id=41

2018 European Year of Civil Engineers

The European Council of Civil Engineers has marked 2018 as the European Year of Civil Engineers (2018 EYCE). Three years ago, the ECCE General Meeting in Warsaw first discussed the idea of having a European Year of Civil Engineers and last year it was agreed to designate 2018 as the European Year of Civil Engineers in combination with the 200th anniversary of the U.K. Institution of Civil Engineers.



2018 will see activities and initiatives organized by the ECCE member countries all around Europe to get people interested and involved in civil engineering. The opening was held on 2 December 2017, in Nicosia, Cyprus where the Cyprus Association of Civil Engineers held its 25th General Assembly and celebration of its 25th Anniversary. The closing of the 2018 EYCE will take place in London, during the week of 22-26 October 2018, when the Global Engineering Congress will be held to celebrate the 200th Anniversary of the U.K. Institution of Civil Engineers (ICE) in combination with the 50th World Federation of Engineering Organizations (WFEO) Anniversary, the Triennial with the American Society of Civil Engineers (ASCE) and the Canadian Society of Civil Engineers (CSCE) and the 68th ECCE General Meeting.

What are the goals of the 2018 EYCE?

- To reinforce the fundamental role of civil engineers in society in improving the standard of human life.
- To make the case for the prestige of the civil engineering profession in the community of European countries.
- To stress the pivotal role that civil engineers will play in addressing the challenges that will face society in the future.

How are we going to achieve them?

- Wide dissemination of the 2018 EYCE proclamation
- Designated logo to denote 2018 as the European Year of Civil Engineers
- Organization of various types of events related to the civil engineering profession by our Member Countries across Europe
- Designated standard presentation to be delivered during all EYCE events
- Marketing of the initiative through press, media, our website and our journal
- Free access to the two ECCE book editions "Civil Engineering Heritage in Europe" and "Footbridges – small is beautiful"
- Communication of our initiative to the European authorities

More information on: http://www.ecceengineers.eu/news/2018/2018_EYCE.php

FROM PARTNERS

EUA-CDE Thematic Workshop

“The Impact and Outcomes of Doctoral Education Reform in Europe”

18-19 January, 2018

University of Malta, Valletta, Malta



The EUA-CDE Thematic Workshop on doctoral education reform in Europe will reflect on the impact and outcomes of newly implemented practices and institutional structures.

The EUA Council for Doctoral Education (EUA-CDE) invites academic leaders, heads of doctoral schools and doctoral education professionals to the 2018 Thematic Workshop. They will reflect on key practices that have been introduced, i.e. institutional structures, doctoral supervision, transferable skills training and career development, and intersectoral collaboration and their impact on doctoral education and its outcomes. Part of this discussion will be to consider if and how universities are building an evidence-base by monitoring and evaluating the practices and structures they have in place.

Thematic workshops offer EUA-CDE members a platform to collaborate and to share policies and good practices of common interest. Participants will be invited to actively contribute to four parallel working groups, each dedicated to one specific practice and, over the course of the event, will have the opportunity to discuss different practices.

More information: <http://www.eua.be/activities-services/events/event/2018/01/18/default-calendar/11th-eua-cde-workshop>

EUA 2018 Annual Conference

“Engaged and responsible universities shaping Europe”

University of Zurich, Zurich, Switzerland

5 - 6 April 2018



Universities, through their core missions of education, research, and innovation, are key drivers of knowledge societies. Europe is currently facing challenges including social and educational inequality, demographic changes and new migration patterns. The rise of populism means increasing distrust in scientific arguments while political conflicts risk threatening democracy and other shared European values. In this context, universities have a pivotal role to play in generating knowledge, developing intercultural understanding and fostering civic engagement through their core missions.



There is a growing awareness of the social and ethical impact of universities' activities on society. Universities are educating an ever more diverse student population in the hope that they become informed citizens, able to respond to the changing needs of society and the labour market. In addition to producing new knowledge through research, universities focus on the dissemination of this knowledge and its utilisation in scientific and technological innovation. Nevertheless, in order to demonstrate accountability and justify continued public investment in higher education and research, universities need to redouble their efforts to express the importance of their contribution to society and the need for evidence-based discussions enshrined by scientific integrity and ethics.

The 2018 EUA Annual Conference will discuss universities' pivotal role in generating knowledge, developing intercultural understanding and fostering civic engagement through their core missions and will build upon EUA's work with its members on various topics linked to the societal mission of universities. It will provide participants an opportunity to explore how universities across Europe demonstrate their social responsibility by ensuring that their activities contribute to shaping society at large. The conference will include examples of institutional practices, national and European policies and initiatives that bear evidence of today's engaged and responsible universities.

More information on: <http://www.eua.be/activities-services/events/event/2018/04/05/default-calendar/eua-2018-annual-conference>

The NINTH AECEF SYMPOSIUM and GENERAL ASSEMBLY

Here is a brief report on the General Assembly received from Dr. Piotr BERKOWSKI, member of the Administrative Council of the EUCEET Association:



The ninth *Association of European Civil Engineering Faculties (AECEF) Symposium* and General Assembly took part on 14th of November in Prague.

It was organized by the Faculty of Civil Engineering of Czech Technical University and was also an occasion to celebrate the 25th anniversary of the foundation of the Association. It was founded under the initiative of the Faculty of Civil Engineering of the Czech Technical University in Prague on 14th September 1992.

The AECEF presently associates 22 Universities including Faculties providing education in Civil Engineering and Surveying and 3 individuals from 17 countries of Europe and North America.

The main aim of the AECEF establishment was to create a space where the representatives of universities and higher educational institutions could meet and discuss the widest areas of issues concerning the education and training of civil engineers, surveyors, environmental engineers (study programmes, accreditation and quality assessment in teaching, teaching technologies, environmental

aspects in civil engineering etc.) namely with respect to the European integration process and European standards.

For 25 years, Prof. Ing. Jiří Witzany, DrSc., dr. h.c. was the AECEF President and Assoc. Prof. Ing. Jiří Váška, CSc. was the AECEF Secretary General.

The main aim of the GA agenda was to elect new the AECEF Board members for the period 2017-2021.

Unanimously, Professor **José Ferreira LEMOS**, Full Professor (ret.) (University of Porto, Portugal) was elected as the new President of the AECEF, while Professor **Alfredo SOEIRO** from the Faculty of Civil Engineering of the University of Porto (Portugal) was elected for the post of the General Secretary.



Professor **José Ferreira LEMOS**



Professor **Alfredo SOEIRO**

There were also elected new members of the AECEF Board which currently consists of the following members:

- Prof. Cedric D'MELLO (School of Engineering and Mathematical Sciences, City University, London, UK);
- Prof. Aarne JUTILA (Extraplan Oy, Espoo, Finland)
- Prof. Alan KWAN (Cardiff School of Engineering, Cardiff University, UK)
- Prof. Roode LIIAS (Faculty of Civil Engineering, Tallinn University of Technology, Estonia)
- Prof. Nichoalos THEODOSSIOU (Faculty of Civil Engineering, Aristotle University of Thessaloniki, Greece)
- Dr. Piotr BERKOWSKI (Faculty of Civil Engineering, Wroclav University of Science and Technology, Poland)
- Assoc. Prof. Michal JANDERA (Faculty of Civil Engineering, Czech Technical University, Prague, Czech Republic)
- Prof. Anatoly P. MALINOVSKY (Tomsk State University of Architecture and Building, Tomsk, Russia)
- Prof. Remigijus Šalna (Faculty of Civil Engineering, Vilnius Gediminas Technical University, Vilnius, Lithuania)
- Prof. Andrey A. VOLKOV (Moscow State University of Civil Engineering, Moscow, Russia)
- Prof. Ivica ZAVRŠKI (Faculty of Civil Engineering, University of Zagreb, Croatia)
- Eng. Dr. Radek ZIGLER (Faculty of Civil Engineering, Czech Technical University, Prague, Czech Republic).

CTI Symposium and International Workshop 2018

The annual conference of the CTI will be held Tuesday, **February 13, 2018** from 9am to 17h, at the Cité Descartes of Champs-sur-Marne.



The chosen theme is "*The quality approach and the student's path*".

The CTI will present the news on the accreditation of engineering courses and will review the progress of the quality demarcation of engineering schools. Workshops will offer sequences on several themes chosen on the basis of participants' proposals (2017 symposium satisfaction questionnaire).

CTI members will meet with school principals involved in an audit engagement during 2018-2019 (Wague E).

CTI thanks ESIEE Paris for hosting it in its premises ([access plan](#)).

In addition, the day before the end of the afternoon, a conference-workshop will be organized at the Ecole des Ponts by the Hcéres-CTI working group. This workshop, which theme will be communicated later, is intended for the principals of engineering schools.

In 2018 the CTI International Workshop will be co-organized with the CDEFI for the Ministerial Conference of the Bologna Process that will bring together 48 countries at the end of May 2018 in Paris. This international conference CTI-CDEFI will be held on April 5-6, 2018 in Paris.

46th Annual Conference of the European Society for Engineering Education

The focus of SEFI conferences is Engineering Education (EE) and for the Annual Conference 2018 we will focus on



creativity, innovation and entrepreneurship. These elements are essential components in Engineering Education as well as *the context* for engineering education excellence! Thus, authors are encouraged to link their contributions to the conference theme 2018 “Creativity, Innovation and Entrepreneurship for Engineering Education Excellence”.

Conference tracks include (but are not limited to)

Conference Thematic Tracks:

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

Important dates:

Statement-of-Intent submission (required for <u>all</u> submission types in form of an abstract)	05 March 2018
Feedback on Statement-of-Intent	12 March 2018
Full paper submission	30 April 2018
Submission of proposals which do not require a full paper (e.g. workshops)	21 May 2018
Notification of final acceptance	22 June 2018
<i>Early Bird registration</i>	<i>17 July 2018</i>
Final paper submission	06 August 2018

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

FROM THE EUROPEAN UNION

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



Algeria joins PRIMA research and innovation partnership

The European Union and Algeria signed last week an international agreement on Algeria's participation in the 'Partnership for Research and Innovation in the Mediterranean Area' ([PRIMA](#)). This makes Algeria the first third country not associated to Horizon 2020 to participate in this partnership. The initiative will focus on developing much-needed solutions for a more sustainable management of water and agro-food systems in the Mediterranean. PRIMA is supported by Horizon 2020, the EU's research and innovation framework programme.

More information: <https://ec.europa.eu/research/index.cfm?pg=newsalert&year=2017&na=na-261017>

EU Research & Innovation for and with cities

Yearly mapping report, September 2017



[Directorate-General for Research and Innovation \(European Commission\)](#) published the report "[EU Research and Innovation for and with Cities](#)".

This report provides an overview of the main EU Research and Innovation (R&I) actions for and with cities, promoted both at the European and international level to foster sustainable urban development. In addition it presents a detailed overview of budget of Horizon 2020 and the past three research Framework Programmes (FP7, FP6 and FP5) committed to city-related projects.

The report can be downloading from:

<https://publications.europa.eu/en/publication-detail/-/publication/9fb7a8ce-aefa-11e7-837e-01aa75ed71a1/language-en>



FROM THE WORLD

16th LACCEI International Multi-Conference for Engineering, Education and Technology

July – 2018

Lima, Peru

LACCEI is a non-profit organization of Latin American and Caribbean (LAC) institutions that offer academic programs in Engineering and Technology as well as institutions (i.e. universities, colleges, schools and businesses) from other parts of the world that have demonstrated interest and activities with LAC institutions.



16th LACCEI International Multi-Conference for Engineering, Education, and Technology
Lima, Peru - July, 2018

Technical tracks

Engineering Education

- Accreditation, Assessment and Globalization of Engineering
- Dual Degree, Certificate Programs and University Management
- Enhancing Undergraduate Education and Curriculum Improvement
- Recruitment, Retention, Diversity, Outreach Programs & Entrepreneurship
- Technology for Teaching and Learning, E-learning and Distance Education

Engineering Research and Practice

- Biotechnology, Bioinformatics and Nanotechnology
- Energy, Water and Sustainable Engineering
- Engineering Design, Engineering Materials and Engineering Innovation
- Engineering Infrastructure, Construction Engineering, Logistics and Transportation
- Information Technology, Technology Management, Ethics, Technology and Society
- Project Management, Service Engineering, Production Engineering and Product Life Management
- Software Engineering, Telecommunications, Cybersecurity and Computational tools

More information on: <http://wp.eng.fau.edu/laccei2018/>

WEEF-GEDC 2018

11- 15 November, 2018

New Mexico, USA

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) is excited to announce that Albuquerque, New Mexico will be 2018 host for the:



- **VIII World Engineering Education Forum**
- **X Global Engineering Deans Council**
- **XV Global Student Forum**
- and the **First Ever Global Career Fair**

WEEF-GEDC 2018 THEME: *Peace Engineering: prosperity, sustainability, social equity, diversity, culture of quality, innovation and entrepreneurship.*

This prestigious event, held for the first time in the United States, will also feature the Global Entrepreneurship Challenge and the ISTEC General Assembly.

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.

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

The 17th European Conference on Soil Mechanics and Geotechnical Engineering

1 - 6 September, 2019

Reykjavik, Iceland

The 17th European Conference on Soil Mechanics and Geotechnical Engineering will be held in Reykjavik, Iceland on 1st - 6th of September 2019. The theme of the Conference is: "*Geotechnical Engineering, foundation of the future*" and embraces all aspects of geotechnical engineering. Geotechnical engineering is the foundation of current as well as future societies, which both rely on complex civil engineering infrastructures, and call for mitigation of potential geodangers posing threat to these. Geotechnical means and solutions are required to ensure

XVII European Conference**Soil Mechanics and Geotechnical Engineering**

infrastructure safety and sustainable development. Those means are rooted in past experiences enhanced by research and technology of today.

The event provide an opportunity to draw the attention of others outside the field of geotechnical engineering to the importance of what we are doing, particularly to those who, directly or indirectly, rely on our services, knowledge and experience. Investment in quality geotechnical work is required for successful and safe design, construction and operation of any infrastructure. Geotechnical engineering is the key to a safe and sustainable infrastructure and of importance for the society, economy and the environment. This must be emphasized and reported upon.

Important dates for authors are as following:

- Open for submission of abstracts on website 15. 01. 2018
- Deadline of abstracts submission 30. 04. 2018
- Notification of abstracts acceptance 30. 07. 2018
- Submission of draft manuscripts for review 30. 10. 2018
- Notification of paper acceptance 15. 01. 2019
- Submission of final paper 15. 03. 2019

More information on: <http://www.ecsmge-2019.com/>

CALENDAR

Date	Event	Place
15-16 .03.2018	ICCEABME 2018: 20 th International Conference on Civil Engineering, Architecture, Building Materials and Environment	Paris, FRANCE



<https://www.waset.org/conference/2018/03/paris/ICCEABME>

7-9.06. 2018	Danube-European Conference on Geotechnical Engineering (DECGE) 2018	Skopje, R. MACEDONIA
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<http://www.decge2018.mk/>

18-21.06.2018	16 th European Conference on Earthquake Engineering (16ECEE)	Thessaloniki, GREECE
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<http://www.16ecee.org/>

Date	Event	Place
27-29.06.2018	<ul style="list-style-type: none"> ▪ 52nd US Rock Mechanics/Geomechanics Symposium, 24-27 June 2018 ▪ Second International Discrete Fracture Network Engineering (DFNE) Conference, 27-29 June 2018 	Seattle, Washington, USA



<http://75.103.81.34/>

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

06.09.2018	11 th General Assembly of the EUCEET Association	Barcelona, SPAIN
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18-22.09.2018	46 th SEFI annual conference	Copenhagen, DENMARK
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<http://www.sefi2018.eu/>

Date **Event** **Place**

23-26.09.2018

GeoEdmonton 2018

Edmonton,
CANADA



<http://www.geoedmonton2018.ca/>

11-15.11.2018

WEEF- GEDEC 2018

Albuquerque-
New Mexico,
USA



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

01-06.09.2019

17th European Conference on Soil Mechanics and Geotechnical Engineering

Reykjavik,
ICELAND



<http://www.ecsmge-2019.com/>