



EUCEET Association

NEWSLETTER 4/2019

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FROM THE EUCEET ASSOCIATION

Brief report on the activities of the EUCEET Association, Paris, 3-4 October, 2019

Thursday October 3rd, 2019

- From 11:00 to 14:30 took place the EUCEET Administrative Council meeting at the École des Ponts in the Carnot building/"salle d'hôtes". The meeting was attended by 6 members of the AC and were defined lines of the work plan for 2020 to be discussed at the GA.
- From 15:00 to 15:15, in the Carnot building/Perronet room, Mrs. Marie-Christine BERT, Director of International Relations & Corporate Partnerships École des Ponts addressed a welcome to the participants.
- From 15:30 to 16:00 Assoc. Prof. Dr Cyril DOUTHE made the interesting presentation about structural design with application to doubly curved structures. He presented to the attendance the following prototypes built at ENPC:

"Metal Euplectella Folie" - a prototype that explores an innovative method of design and manufacture for a custom-made architecture. The design has been designed to create a unique shape of edges, to locate drill holes and to classify them so that all geometry and assembly process information is included.



Photos taken during the "Metal Euplectella Folie" presentation

“Hybrid Structural Skin” – a 10 m² prototype of a GFRP Elastic Gridshell Braced by a Fiber-Reinforced Concrete Envelope, which was build for demonstrate the feasibility of a novel concept of hybrid structural skin made of an elastic gridshell braced with a concrete envelop. The idea is to use the gridshell as formwork for the concrete and to insure a connection between the thin concrete skin.

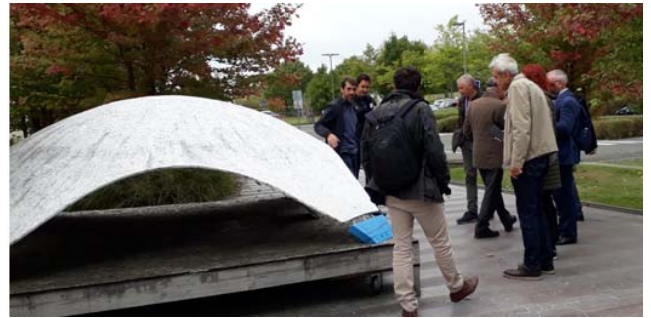


Photo taken during the “Hybrid Structural Skin” presentation

“Construire le courbe” – a sheep which allow creating resistant elements from reliable inertia structures, such as thin shells.



Photos taken during the “Construire le courbe” presentation

- From 16:15 to 16:45 the programme ended with a visit of the library historical collection in Carnot building where the Deputy Manager Library Historical Collection of École des Ponts, Mr. Guillaume SAQUET and the Responsible for ancient books fund, documentation service, Mr. Charles RIONDET presented the scientific and technical books from the 16th-18th centuries.



Photos taken at the Library Historical Collection of École des Ponts

Friday October 4th, 2019

From 10:00 to 12:00 took place the 12th General Assembly of the EUCEET Association which was attended by 15 people, representing 12 institutions members of the Association, from 10 countries. At the meeting were discussed matters related to the activity of the Association between the GA held in Barcelona on 6th September 2018 and the 12th GA in Paris on 4th October 2019 and were defined the lines of the activity in 2020. A central point was the discussions concerning the organization of the next Conference of the Association, the statutes of membership and the policy for members which not pay the fee.



A photo taken in the *Perronet room*, with some of the participants at the General Assembly

Call for hosting the next General Assembly of the EUCEET Association

All members of the EUCEET Association are invited to send proposals/offers to host the General Assembly of the EUCEET Association in September/October 2020.

The offers should be sent, to the President of the EUCEET Association, Prof. Laurie Boswell (L.F.Boswell@city.ac.uk), to the General Secretary of the EUCEET Association, Prof. Diego Lo Presti (d.lopresti@ing.unipi.it) and, in copy, to the secretary Mia Trifu (mia.trifu@utcb.ro).

FROM MEMBERS

École des Ponts ParisTech, France



CERMICS 2020 SYMPOSIUM



The Coriolis building
École des Ponts ParisTech, Marne La Vallée

CERMICS is the research center in applied mathematics at École des Ponts ParisTech.

It hosts joint project-teams with Inria Paris and University Marne-la-Vallée. The acronym CERMICS stands for “Centre d’Enseignement et de Recherche en Mathématiques et Calcul Scientifique”, literally “Center for Training and Research in Mathematics and Scientific Computing”.

The CERMICS Colloquium was established in 2015 and has really taken on its current dimension since 2017. In addition to the regular seminars organised for a long time by each research centre of the laboratory, each specialised in CERMICS' fields of expertise (probability, optimisation, scientific calculation), the Colloquium is a prestigious event, scheduled around four times a year, welcoming mathematicians of the highest international level. French and foreign academics of science, professors in the most prestigious teaching and research institutions in the world, winners of the most renowned international prizes, honorary doctors from major universities, follow one another.

The current programme runs until autumn 2020, with in particular, in the last few quarters, Alfio Quarteroni, an Italian academician specialising in computer simulation (and having contributed through his simulations to the double victory of the Italian challenge at the America's Cup) and Yves Meyer, Abel Prize 2017 (equivalent to the Nobel Prize in mathematics). These researchers, colleagues and often collaborators of CERMICS researchers, endeavour to give presentations of a general nature,

voluntarily accessible to a wide audience of scientists, and presenting the most motivating aspects of their activity.

Recently, with the arrival of Stéphane Mallat (professor at the Collège de France, academician of science and expert in data sciences), CERMICS opened the Colloquium to students from the École des Ponts ParisTech, and in this case those from the applied maths & computer sc department. It is planned to repeat the operation occasionally, in order to expose students, beyond researchers, to the mathematical leaders of our time.

For the year 2020, the programme of the Colloquium is as follows:

- Wednesday, 22 January: Serge Abiteboul, member of the Academy of Sciences, researcher at Inria and the École Normale Supérieure, member of the College of the Regulatory Authority for Electronic Communications, Posts.
- Wednesday, 22 April: Hugo Duminil-Copin, Professor at the Institut des Hautes Études Scientifiques.
- Monday, 5 October: Alfio Quarteroni, member of the Accademia Nazionale dei Lincei, professor at the École Polytechnique Fédérale de Lausanne.
- Monday, 16 November: Yves Meyer, Member of the Academy of Sciences, Professor Emeritus at the École Normale Supérieure de Paris-Saclay

Web page of the symposium: <https://cermics-lab.enpc.fr/seminaires/colloquium-du-cermics/>

ÉCOLE DES PONTS CELEBRATES 10 YEARS OF DESIGN THINKING

03 December, 2019

Organized by the innovation and design department of École des Ponts ParisTech, the 5th edition of this annual conference was an opportunity to celebrate 10 years of design thinking practices. It went together representatives of companies and organizations and students concerned by the challenges of innovation through design thinking.

D.SCHOOL PARIS: LEARNING INNOVATION BY DOING

Since its foundation, **d.school Paris** has been dedicated to raising awareness and training students, teachers and all those who wish to learn about innovation, through the culture of design thinking. This discipline is based on a body of very precise methods and tools, as well as a scenario-based approach to spaces. A thorough understanding of the user experience is also a prerequisite for innovation. Within multidisciplinary teams, it promotes the design of innovative products or services, matching user expectations, feasibility, economic viability, social dimension and ecological impact. Projects are defined in close collaboration with socio-economic actors in very diverse sectors (connected objects, social entrepreneurship, seniors, architecture...).



Nearly 5,000 students and more than 500 teachers have been trained in design thinking since the creation of the d.school Paris. It is supported by 63 industrial partners and 27 collaborating universities, including the Stanford School of Business.

A 5th EDITION IN THE FORM OF A DESIGN THINKING INVENTORY

After studying the future of design thinking, the interest in innovating with empathy, the secrets of inspiration and the importance of realizing ideas in previous editions, d.school reviewed its achievements, its reasons for being and its future desires at the 2019 conference.

During one day, many innovation stakeholders went together and exchange ideas during round tables. On the agenda: sharing experiences, questioning the impact of design thinking on strategy and management, or studying the responsibility of design thinking in the ecological transition.

Detailed programme on the d.school Paris website: <http://www.ds.school.fr/conference2019/>

University of Ljubljana, Slovenia

Univerza v Ljubljani

Solemn Academy at the 100th anniversary of the Faculty of Civil and Geodetic Engineering



12 September, 2019

Faculty of Civil and Geodetic Engineering at the University of Ljubljana celebrated its 100th anniversary at a Solemn Academy in the Linhart Hall of the Cankarjev dom Congress Centre.

The beginnings of the Faculty's activities coincide with the time the University of Ljubljana was founded, when on 23 July 1919 Regent Aleksander Karadžordžević I signed the Act on University of Ljubljana. With this Act, five faculties of the University of Ljubljana were established, among them Technical Faculty that included the study of civil engineering and geodesy or surveying.

The audience at the Academy included distinguished guests from Slovenia and abroad – among them Head of Representation of the European Commission in Slovenia Zoran Stančič and winners of jubilee awards at the Faculty's 100th anniversary.

For an introduction, the audience was addressed by the Dean of the Faculty of Civil and Geodetic Engineering of the University of Ljubljana, Prof. Dr. Matjaž Mikoš, as host of the event, and Rector of the University of Ljubljana, Prof. Dr. Igor Papič.

In their speeches they highlighted the role and importance of the Faculty and its activities from the scientific-research and development aspect as well as from the aspect of its influence on the economy and on the development of society in general.



The opening address
Prof. Dr. Matjaž Mikoš,
Dean of the Faculty



Speaker at the Ceremony
Prof. Dr. Igor Papič,
Rector of the University of Ljubljana

More information: <https://www.en.fgg.uni-lj.si/2019/09/12/solemn-academy-at-the-100th-anniversary-of-the-faculty-of-civil-and-geodetic-engineering/>

University of Castilla-La Mancha (UCLM), Spain



Results of the "RIOCCADAPT Project: adaptation to climate change in the RIOCC countries"

The UN Climate Change Conference COP25 took place on 2–13 December, 2019, under the Presidency of the Government of Chile and was held with logistical support from the Government of Spain.



"UN Climate Change" refers collectively to the United Nations Framework Convention on Climate Change (UNFCCC or Convention), the Kyoto Protocol and the Paris Agreement, and their bodies, institutional arrangements and organs, including the secretariat.

José Manuel Moreno and Clara Laguna, researchers at the University of Castilla-La Mancha (UCLM), presented at the Conference of the Parties (COP25) the main results and conclusions of the "*RIOCCADAPT Project: Evaluation of climate change adaptation actions in the countries of the Ibero-American Network of Climate Change Offices*"

Coordinated by the Faculty of Environmental Sciences and Biochemistry, this project evaluates the actions of adaptation to climate change in the 22 countries that make up the Ibero-American Network of Climate Change Offices (RIOCC). The final results will be published, in Spanish and English, in early 2020.

The preparation of this report has involved numerous actors and institutions from the 22 countries that make up the RIOCC and includes 120 leading authors and contributors, 70 expert reviewers and 22 focal points from different countries in Latin America, the Caribbean and the Iberian Peninsula.

The project, which has the support and financing of the ARAUCLIMA Program of the Spanish Agency for International Development Cooperation (AECID), is aimed at identifying, reviewing and evaluating the adaptation actions that are being carried out in the region in a large number of strategic systems and sectors prioritized by the countries involved. These sectors range from the different natural systems (marine, terrestrial, inland aquatic ecosystems) and managed (water, agricultural, forestry, fisheries) to other key sectors (health, tourism, rural and urban environments) through the main disaster risks of climatic origin (storms and hurricanes, floods, droughts, hillside instability and fires).

The aim of the RIOCCADAPT project is to identify, review and assess adaptation actions that are being implemented in response to climate change throughout the countries included in the RIOCC countries. Both planned and autonomous adaptation actions will be analyzed for a total of 16 systems and sectors, including among them the different natural resources and systems, several climatic hazards and other key sectors.

The project intends to make visible the experience and practice of RIOCC countries in terms of adaptation measures to respond to climate change impacts. The final result may be a report that might serve as a resource for regional decision makers and/or other national and international agents, and to provide to the general public information about how climate change adaptation needs are being faced by Iberoamerican countries.

More information: <http://euroclimaplus.org/cop25/index.php/es/agenda-detallada/martes-10/eventodetalle/58/-/resultados-del-proyecto-rioccadapt-adaptacion-al-cambio-climatico-en-los-paises-de-la-riocc>



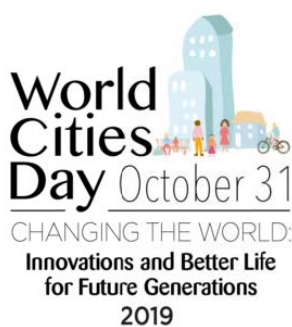
Ural Federal University named after the first President of Russia B.N.Yeltsin (UrFU), Russia



First Deputy Director, Head of Department “CAD in Civil Engineering” of UrFU Institute of Civil Engineering and Architecture, Professor Vladimir Alekhin, member of the EUCEET Association Administrative Council, informed about the 2019 «HABITAT» Forum organized by United Nations.

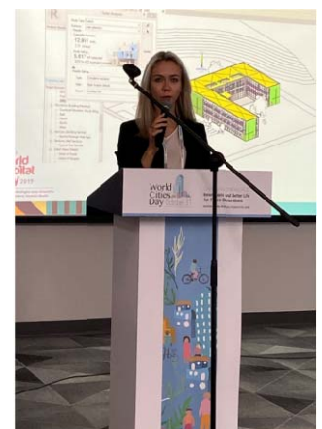
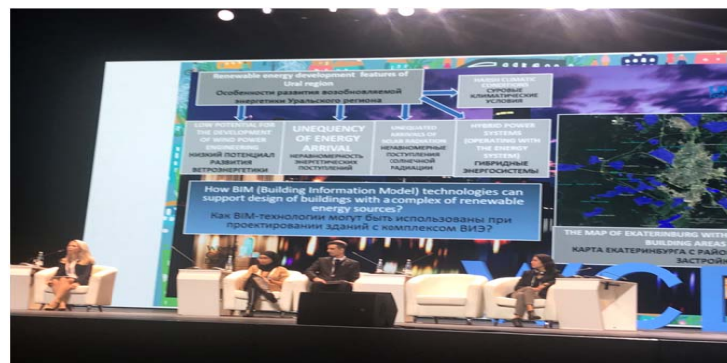
The “HABITAT” Forum organized by United Nations was held on 30-31 October, 2019 in Ekaterinburg Expo Congress Hall.

Professor Vladimir Alekhin, Professor Sergey Shcheklein and Assistant Professor Sharovarova Ekaterina of the Department of CAD (Ural Federal University), took part in panel discussion on the issue of foster the use of renewable energy sources in cities, the state policy for the development of renewable energy, as well as the impact of technology on the development of energy-efficient construction of buildings and structures and energy conservation.



The presentation was about the new bill of the Russian Federation, which allows you to sell excess energy to owners of micro-generation facilities based on renewable energy sources (RES) with an installed capacity of up to 15 kW. The main problems in the development of renewable energy in the Urals were highlighted. The second part of the presentation was devoted to the influence of BIM-technologies on the development of green construction using renewable energy sources, the huge potential of software for the development of design of energy-efficient buildings.

The head of the department of CAD professor Vladimir Alekhin and experts Alexey Antipin and Sergey Gorodilov took part in round table on FORUM 100+ in Ekaterinburg on 30th of October. The discussion with foreign colleagues (Professor Tsuyoshi Setoguchi and Professor Norihiro Watanabe from Faculty of Engineering, Hokkaido University) was about how to improve the quality of life of citizens by creating a comfortable urban environment. One of the criteria for improving comfort was recognized as a decrease of wind velocity inside residential areas and the installation of windproof devices.



Photos taken at the "HABITAT" Forum

ECCE – European Council of Civil Engineers



70th ECCE General Meeting

25 September, 2019

Lisbon, Portugal

The 70th ECCE General Meeting was held on 25th September 2019, in Lisbon, Portugal hosted by the Portuguese Engineers Association (OEP - Ordem dos Engenheiros de Portugal). The 70th ECCE General Meeting was held in parallel with the **Lisbon Civil Engineering Summit 2019 (CES2019)** that was organized from 24 to 28 September 2019 at LNEC - The National Civil Engineering Laboratory.



Simultaneously with the CES2019, Lisbon also hosted the World Council of Civil Engineers (WCCE), the European Council of Civil Engineers (ECCE), the European Council of Engineers Chambers (ECEC) and the Engineering Association of Mediterranean Countries (EAMC) General Assemblies.

The CES2019 plenary session on Civil Engineering Heritage which was moderated by the ECCE President Aris Chatzidakis was integrated into the ECCE meeting agenda and this way all the delegates had the opportunity to attend this session.

More information: http://www.ecceengineers.eu/news/2019/70_ecce_meeting.php?id=41

ECCE President's participation in meetings in Brussels

12-13 November, 2019

Brussels, Belgium

Preparatory meeting for the European Engineers' Day 2020

The kick off preparatory meeting for the European Engineers' Day 2020 took place on 12th November 2019, 14:00-16:00 at FEANI's offices, in Brussels.

ECCE was represented by ECCE President Aris Chatzidakis.

Participants:

- Mr. Klaus Thürriedl (ECEC);
- Mr. Hansjörg Letzner (ECEC);
- Ms. Cornelia Hammerschlag (ECEC);
- Mr. Aris Chatzidakis (ECCE);
- Mr. Dirk Bochar (FEANI),
- Ms. Louise Amoris (FEANI).



From left to right: Mr. Aris Chatzidakis (ECCE); Mr. Dirk Bochar (FEANI); Mr. Hansjörg Letzner (ECEC); Mr. Klaus Thürriedl (ECEC); Ms. Cornelia Hammerschlag (ECEC)

The Decisions that were taken during the preparatory meeting of the European Engineers' Day 2020 are presented below.

- The European Engineers' Day 2020 will be held on **Wednesday 24 June 2020** at the European Economic and Social Committee in Brussels.
- The title of the event was determined: **"Engineering intelligence in a digitalized Europe"**.
- The meeting will consist of presentations from six speakers and roundtable discussions. **Each organization to provide two speakers by 1 January**. All partners to keep each other informed of the invited speakers.
- Next preparatory meeting is scheduled for 23 January 2020 at 16:30 hrs. in Brussels.

Day of Liberal Professions 2019 (LPD2019)

The 5th edition of the Day of the Liberal Professions organised by the EESC's Liberal Professions Category was held on 13 November 2019 from 9.30 a.m. to 4.30 p.m. at the EESC's headquarters (Jacques Delors Building - Room JDE62), Belliard Street 99, 1040 Brussels.



From left to right: Mr. Hansjörg Letzner (EESC General Secretary); Mr. Klaus Thürriedl (EESC President); Mr. Aris Chatzidakis (ECCE President)

ECCE President Aris Chatzidakis participated in this event representing ECCE. The event, entitled Trust in liberal professions in the age of digitalisation and artificial intelligence, aimed to gain fresh insight into the impact of artificial intelligence on the exercise of professional services and on clients' and patients' rights. Speakers addressed fundamental issues such as transparency, communication and trust in professionals, regulators' awareness of the challenges linked to the opportunities offered by artificial intelligence, the consequences on the quality of professional services and their capacity to protect public interest.

The meeting was opened by the president of the Diversity Europe Group, Arno Metzler, and Karl Stöger, professor at the Institute for Public Law and Political Science at the University of Graz, delivered a keynote speech on Artificial Intelligence, the liberal professions and the law, with a special focus on the profession of doctors.

The conference, which brought together numerous representatives of the liberal professions at national and European level, as well as academic experts on the topic, with discussions divided into three panels covering:

- Consumer protection, healthcare and digital health
- Skills and training
- Regulation

While the issues of reliability and ownership of data are of concern to all professions and society, there is a particular aspect to liberal professions based on scientific knowledge.

Firstly, the exercise of these professions is based on the relationship of trust and confidentiality between the professional and the client and obeys a complex code of conduct. Secondly, there is a constant need for critical thinking and decisions for everchanging situations and lifelong learning. Today's artificial intelligence is far from capable and of course there is a huge moral and legal problem with A.I.'s irresponsibility.

Meeting with MEP Anna-Michelle ASIMAKOPOULOU

ECCE President Aris Chatzidakis arranged a meeting with MEP Anna-Michelle Asimakopoulou not only in her capacity as Member of the European Parliament but also as member of the Committee on the Internal Market and Consumer Protection (IMCO).

The meeting was held on 13th November, at MEP Asimakopoulou's office at the premises of the European Parliament. ECCE President presented to and discussed with MEP Asimakopoulou all the latest ECCE actions:

- **ECCE Proclamation of 2020 as the Year of the 3S Approach Safe-Sound-Sustainable** which stresses the need for integrating Structural/Seismic upgrade of existing buildings, with Energy Efficiency improvements.
- **Declaration for the Protection of Engineers Chambers** with which ECCE requires that the European Parliament may adopt a resolution on the necessity to enhance the collaboration of Engineers Chambers with the European Parliament, by working together for the best possible outcome and strengthening the role of professional engineering bodies in the EU member states and candidate countries.
- **CONSTRUCTION 2050 "Building tomorrow's Europe today"** paper prepared by the European Construction Forum of which ECCE is a member. Construction stakeholders call upon the European Commission to strengthen the current construction policy context by creating a new vision for the built environment: "Construction 2050: Building tomorrow's Europe today" building upon the results of the current Construction 2020 initiative.
- **PRESS RELEASE on "Construction 2050 - Building tomorrow's Europe today"** where the position of ECCE on the need for integrating Structural / Seismic upgrade of existing buildings, with Energy Efficiency improvements is highlighted.
- **ECCE's Position Paper on "Appropriate regulation for the practice of civil engineering in Europe"**
- **European Engineers' Day** initiative

MEP Asimakopoulou showed great interest in ECCE's activities and initiatives and is willing to cooperate with ECCE and try to promote its positions. She also promised to attend the European Engineers' Day 2020 and also assist ECCE in reaching Greek EU Commissioner, Mr. Margaritis SCHINAS who will be asked to participate in the European Engineers' Day 2020 as well.



Mr. Aris Chatzidakis (ECCE President) and MEP Anna-Michelle Asimakopoulou

FROM PARTNERS

12th SEFI Deans' Convention

02-04 April, 2020

Universidad Carlos III, Madrid, Spain



The general objective of the Conventions is to bring together Deans from all over Europe to meet and to discuss in depth common topics, share experiences, identify solutions for problems and build up a network with peers in different European countries.

SEFI launched the conventions in 2005, under the Presidency of Prof. Borri, University of Florence. Since 2011, ECEDs are organised by SEFI, the local engineering education institution and other partners.

The new SEFI Annual Report 2018-2019

Diversity as an answer to ever more complex world

Documenting the activities of Society, [SEFI Annual Report](#) brings the articles about the events, projects, working groups, publications and also special articles from the corporate partners.

More information on: <https://www.sefi.be/wp-content/uploads/2017/07/Annual-Report-for-web.pdf>



European Association of Service-Learning in Higher Education (EASLHE)

Establishment of the EASLHE

21 September, 2019

Service-learning (sometimes referred to as community based or community engaged learning) is an innovative pedagogical approach that integrates meaningful community service or engagement into the curriculum and offers students' academic credit for the learning that derives from active engagement within the community and work on a real world problem. Reflection and experiential learning strategies underpin the learning process and **the service is linked to the academic discipline**.

It brings together students, academics and the community whereby all become teaching resources, problem solvers and partners. In addition to enhancing academic and real world learning, the overall

purpose of is **to instill in students a sense of civic engagement and responsibility and work towards positive social change within society.**

The official establishment of the Association took place in Antwerp, on Saturday 21 September, 2019 at the occasion of the **2nd European Conference of Service-Learning in Higher Education.**

The **aim** of the Association is to **promote service-learning in higher education in Europe and to foster scholarly activities related to it.**

These include but are not limited to the following activities:

- to disseminate information and knowledge about service-learning
- to foster and develop training activities and resources
- to establish links between local, transnational and global networks
- to organize meetings, exchanges, seminars, conferences, congresses and other events, alone and/or with groupings pursuing the same objective
- to advocate service-learning development in higher-education institutions
- to contribute to the development of policy recommendations and initiatives
- to support individuals and institutions in developing service-learning projects
- to conduct and encourage research and scientific publications on service-learning
- to raise funds, receive legacies and donations to realize the goals of the association



The General Assembly of the Association elected the first General Meeting, with representatives of Croatia, Belgium, Spain, Slovakia, United-Kingdom, Germany, Austria, Italy, The Netherlands, Romania and Portugal.

The **Board of Directors** is composed of the following members:

- Pilar Aramburuzabala (Spain) President,
- Nicolas Standaert (Belgium) Vice President,
- Alzbeta Brozmanova (Slovakia) Treasurer,
- Cinzia Albanesi (Italy) Secretary,
- Nives Mikelić (Croatia) Assistant Secretary.

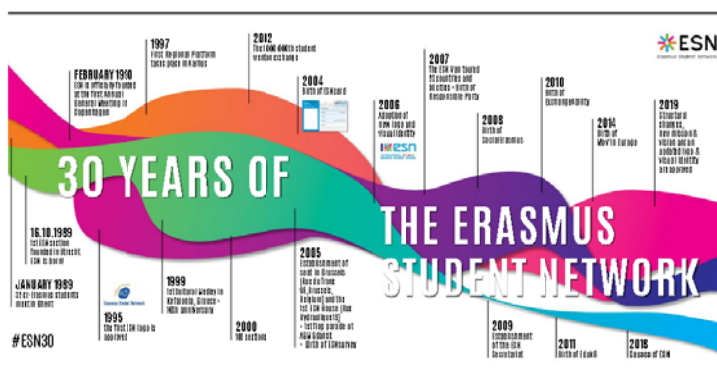
More information on: <https://www.eoslhe.eu/easlhe/>

The 30th Anniversary of the Erasmus Student Network



Erasmus Student Network (ESN) is a non-profit international student organisation. Its mission is to represent international students, thus provide opportunities for cultural understanding and self-development under the principle of **Students Helping Students**.

On the 16th of October 1989, Erasmus Student Network was born - and for the next 30 years, through the programmes and services it has been committed to improving international education, fostering intercultural understanding and creating positive change in society through its values. From a group of homecoming Erasmus students who joined forces to help their local exchange students in 1989 to one of the biggest student organisations in Europe shaping the future of the Erasmus+ and other exchange programmes, ESN has come a long way.



"ESN was born in a divided world. In a world where it was impossible for young people from eastern Europe to have friends from western Europe. Throughout the years, the European continent faced many challenges which led to division and isolation among the societies. Despite all these challenges,

ESN, from a small group of friends, evolved to become one of the largest youth organisations reaching from Portugal to Cyprus, from Iceland to Russia, bringing together 15.000 young people from 41 countries. At the same time Erasmus, from a mobility programme became one of the largest youth movements in Europe, creating the Erasmus Generation. ESN is proud of being an important contributor to this movement and for many years to come, we will continue fulfilling our mission in providing self-development opportunities and empowering young people not only in Europe but also beyond" - Kostis Giannidis, President of the Erasmus Student Network.

More information: <https://esn.org/news/30th-anniversary-erasmus-student-network>

What's New in Brussels 2020

24 January, 2020

Brussels, Belgium



The event will take place in Brussels on 24 January 2020.

The seminar's main focus will be the Erasmus Programme. The present Erasmus+ Programme, and, still more so, the future Erasmus scheme (2021-2027), which is closer than you think. Individual issues that figure in the programme are, by way of example, blended student and staff mobility, new ways of managing European and international credit mobility, automatic recognition, Erasmus without papers, inclusive and sustainable Erasmus, the new KA2 Action, and first experiences with the European University Initiative.

Most of the speakers are from the European Commission, others are from Erasmus+ national agencies or from universities across Europe.

For registration: <https://acaevents.events.idloom.com/whats-new-in-brussels-2020/register>

More information: <https://acaevents.events.idloom.com/whats-new-in-brussels-2020>

Internationalisation in Higher Education for Society (IHES) - IHES Conference 2020

MAKING A DIFFERENCE

22-24 April, 2020

Prague, Czech Republic



Why attend?:

- Be a pioneer and explore the new concept of IHES
- Learn about the findings of the first IHES study
- Get insights into a large variety of IHES projects
- Discuss different approaches to IHES
- Network with colleagues active in the field of IHES

More information: <https://www.ihes-conference.com/>

ERASMUS CONGRESS & EXHIBITION- ERACON 2020**04-08 May, 2020****Varna, Bulgaria**

The European Association of Erasmus Coordinators (EAEC), announces the 16th annual Erasmus Congress and Exhibition-ERACON 2020, which will be held in Varna, Bulgaria, hosted at the University of Economics, 4-8 of May 2020.

Erasmus Coordinators, Placement and Internships Managers, Researchers and Professionals with an interest in the Erasmus Programme and belong either to the academic or business world, are invited to participate in the Congress to make presentations and submit written papers on their experiences in areas related to the Erasmus Programme. Proposals for sessions and workshops within the Congress are also invited.

**The main themes of the Congress include:**

- Erasmus+ 2014-2020
- Erasmus+ after 2020
- Erasmus+ Programme
- Quality of Erasmus Activities
- Erasmus University Charter
- Continuing Education
- Skills Certification
- ECTS - European Credit Transfer System
- DS - Diploma Supplement
- Student Mobility for Studies and Placements
- Staff Mobility for Teaching and Training
- OS - Organisational Support
- OLS – Organization of Language Support
- Erasmus+ International
- Refugees Mobility and Support
- Erasmus Staff Weeks
- Three Cycle Educational System
- Students and Teachers with disabilities
- Linguistic Preparation
- ICT Support Systems
- Funding and Policy
- Joint and Double Degrees
- Erasmus Mobility and Life
- Professional Integration
- Student and Teacher Accommodation
- Mobility and Career
- Mobility and Recruitment
- Mentoring Programmes
- Agreements between Institutions and Enterprises
- University and Enterprises Cooperation
- EU 2020 Strategy
- Adult Education
- Erasmus Good Practices
- The social dimension of Erasmus
- Employability
- Erasmus Mundus
- Mobility of Researchers
- EU and Non EU University cooperation
- Academic Innovation
- Student Internships
- New skills for new jobs
- Erasmus on the Cloud
- Erasmus Virtual Exchange
- Internationalization
- Erasmus Coordinator's Professional Career

More information: www.eracon.info

30th Annual Conference EURASHE

20-21 May, 2020

Plovdiv, Bulgaria

**Eurashe Launches the Call for Contributions for #Eurashe30**

EURASHE (European Association of Institutions in Higher Education) will organize its 30th Annual Conference "*Professional Higher Education and sustainable development: creating a change that endures*" on 20-21 May 2020 in Plovdiv, Bulgaria.

The Conference will address the role of Professional Higher Education in fostering and supporting the [Sustainable Development Goals \(SDGs\)](#).



Discussions will be structured along the five pillars of Agenda 2030: People, Planet, Prosperity, Peace and Partnership.

Are expected contributions from practitioners from HE institutions and relevant stakeholders from the field, including companies, students, national authorities, civil society organisations, NGOs, quality assurance agencies and other organisations which would correspond to one of the aforementioned pillars.

EURASHE welcomes three types of contributions:

- Breakout sessions;
- Good practice examples;
- Brilliant failures

The deadline to submit the proposal is Friday 31 January 2020.

More information: <https://www.eurashe.eu/events/annual-conferences/30th-annual-conference-plovdiv-2020/>

FROM THE EUROPEAN UNION



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

Capacity Building in the field of higher education 2020

The announcement of the Erasmus+ [Call for Proposals 2020 - EAC/A02/2019](#) was published on 05/11/2019 in the Official Journal No 2019/C 373/06 in all official languages of the European Union.

What is new in the 2020 Call for the CBHE action?

1. Syria is not allowed to participate in Structural Projects
2. Region 8 – Latin America: Organisations from Chile and Uruguay are eligible as full partners in proposals addressing Region 8, Latin America, but **not as applicant or coordinating institution**
3. New cross-cutting priority on climate change In line with the policy framework and priorities set by the European Commission for Erasmus+, a new cross-cutting priority on climate has been introduced. Under this priority, special attention will be given to projects addressing “climate change prevention, adaption and mitigation strategies
4. New element in the template for the “**Detailed description of the project**”:

In accordance with the Financial Regulation of the EU, grants cannot be awarded retroactively. This means that activities covered by the grant can only be implemented and costs incurred as from the date on which the last party has signed the grant agreement. As it might not in all cases be possible to sign the grant agreement for a selected proposal before the start date indicated in the application, the project planning should ideally cater for this possibility. For cases where the work plan does not allow for the necessary flexibility and/or where some activities must start on a particular date in the very early phase of the proposed action, applicants will have to provide a justification. The justification should explain the reasons why the activities in question cannot be postponed if the contract is not signed by 15 November 2020 or 15 January 2021 and need to take place on the foreseen date.

5. The template for the **Detailed Budget** of the action has been updated to reflect recent changes.
6. A new model for the **Declaration on Honour** has been provided and must be used to comply with the new financial regulations of the European Union. The template is available in the CBHE funding section of the EACEA website.

More information on: https://eacea.ec.europa.eu/erasmus-plus/funding/capacity-building-in-the-field-of-higher-education-2020_en

New Eurydice report**Structural Indicators for Monitoring Education and Training Systems in Europe 2019**

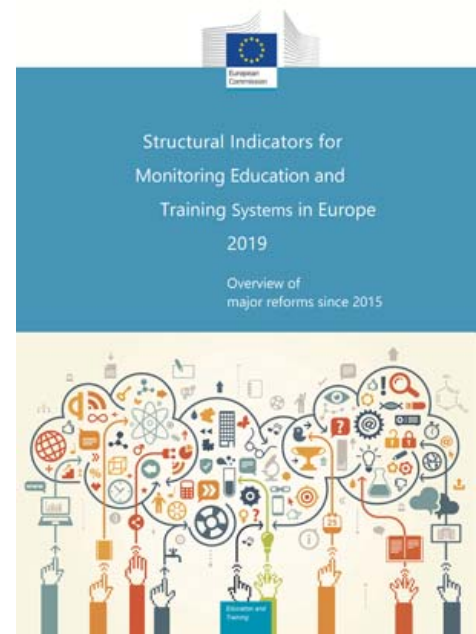
Publication date: Monday, 21 October, 2019 - 16:15

Programme and action: Erasmus+ Eurydice Network

This report contains more than 35 updated structural indicators on education policies for the 2018/19 school/academic year in six policy areas: early childhood education and care (ECEC), achievement in basic skills, early leaving from education and training (ELET), higher education, graduate employability and learning mobility. It additionally provides a short overview of the major reforms since the start of the 2014/15 school/academic year in the said policy areas.

Part of the information in this report that concerns the EU Member States was published in the [Education and Training Monitor 2019](#). The 2019 update of the structural indicators covers all EU Member States, as well as Bosnia and Herzegovina, Iceland, Liechtenstein, Montenegro, North Macedonia, Norway, Serbia and Turkey.

More information on: https://eacea.ec.europa.eu/national-policies/eurydice/content/structural-indicators-monitoring-education-and-training-systems-europe-%E2%80%93-2019-overview-major_en



NEWS FROM THE WORLD

AEI FORUM

01 - 03 April, 2020
Cincinnati, OH, USA



The Architectural Engineering Institute (AEI) of the American Society of Civil Engineers (ASCE) and the College of Engineering and Applied Science at the University of Cincinnati (UC) announce the 3rd Biennial AEI FORUM.

The theme of the FORUM is *The Intersection of Theory and Practice: Preservation Matters*.

The FORUM will feature the AEI Student Competition, AEI Professional Project Awards, professional presentations on building integration, as well as the latest technology in the many areas of the building field. Continuing education activities will be offered as professional development hour (PDH) credits.

AEI Professional Project Award (PPA)

The AEI Professional Project Award (PPA) program is conducted annually and is designed to publicly acknowledge outstanding achievement in design and construction. The 2020 PPA winners will be announced at the awards banquet during the FORUM. Learn more about the PPA.

AEI International Student Design Competition (AEI ISDC)

The Architectural Engineering Institute International Student Design Competition (AEI ISDC) highlights the collaboration of multi-disciplinary architectural engineering student teams, showcases the knowledge and application of design and construction principles to a real-world project scenario, and prepares students for the realities of their chosen industry. Finalists present before a panel of judges on Thursday, April 2, 2020. Learn more about the AEI ISDC.

The forum is addressed to:

- Architectural engineers
- Structural engineers
- Architects
- Forensic engineers
- Earthquake engineers
- Business owners
- Elected officials
- Researchers working in the architectural engineering discipline
- Professors/academics
- Students
- Young professionals
- Professional Engineers looking for additional PDH opportunities

Industry professionals will benefit from presentations by experts in the fields of structural, mechanical, and electrical design and construction management as they relate to integrated building systems. Members of academia will benefit from presentations on current research initiatives and opportunities to network with practitioners. Students will benefit from interacting with industry professionals and peers from universities other than their own.

More information: <https://www.aei-forum.org/>

44th International JVE Conference

02-04 April, 2020

Dubai, United Arab Emirates

44th International JVE Conference is an integral part of Vibroengineering Series Conferences and will be held in Dubai, United Arab Emirates. The Conference is organized by JVE International and Herriot Watt University Dubai Campus.



Conference is dedicated to researchers, scientists, engineers and practitioners throughout the world to present their latest research results, foster discussion, new ideas, develop partnerships and also publish a conference paper in Vibroengineering Procedia. All JVE Conferences are integral part of the Series of Vibroengineering Conferences started in 1999. Vibroengineering Procedia is indexed in major scientific databases: Scopus, El Compendex, Inspec, Gale Cengage, Google Scholar and EBSCO.



Topics of the Conference:

- Materials and Measurements in Engineering
- Mathematical Models in Engineering
- Acoustics, Noise Control and Engineering Applications
- Mechanical Vibrations and Applications
- Fault Diagnosis Based on Vibration Signal Analysis
- Vibration Generation and Control
- Seismic Engineering and Applications
- Modal Analysis and Applications
- Vibration in Transportation Engineering
- Flow-induced Structural Vibrations
- Biomechanics and Biomedical Engineering
- Chaos, Non-linear Dynamics and Applications

- Dynamics and Oscillations in Electrical and Electronics Engineering
- Fractional Dynamics and Applications
- System Dynamics in Manufacturing System Modelling
- Dynamics of Smart and Functionally Graded Materials

More information: <https://www.jveconferences.com/conference/DUBAI-2020>

International Conference and Expo on Urban and Civil Engineering

15-16 June, 2020

Montreal, Canada

The conference will be held from June 15-16, 2020 in Montreal, Canada. The conference's theme is "*New and Innovative Solutions for Urban and Civil Engineering to Defensible Natural Calamities*".



The meeting will provide a unique opportunity for academics and industry professionals to discuss different innovative approaches and recent discoveries in related domains of urban planning and civil engineering. As part of discussions, this conference will include real-world cases, the latest technological advances, and trends that shape the future of our world.

It further enables scientists, researchers, industry professionals, members of associations and interested individuals to come together on a global stage and exchange latest scientific achievements and methods as a way to spark up great enhancements in all concerned disciplines. Inspirational and informative lectures, talks and presentations will be held throughout this event while discussing current challenges this industry is facing and suggest possible solutions.

Important dates

- Abstract Submission Deadline April 01, 2020
- Early bird Registration Deadline December 28, 2019
- Registration Deadline May 1, 2020

Topics

- Architecture
- Structural and Construction Engineering
- Reinforced Concrete Structure
- Dynamics, Vibration and Earthquake Engineering
- Environmental Engineering
- Automation in Construction
- Civil Engineering
- Material Science and Engineering
- Tunnel Engineering and Construction
- Structural Analysis and Designing
- Building Technology
- Concrete Technology
- Municipal Engineering
- Geotechnical Engineering
- Transportation Engineering
- Public Space
- Risk Management and Mitigation Planning
- Measurement and Evaluation of Technology
- Seismic Risk Mitigation
- General Scope of Urban Regeneration
- Construction Management
- Waste Management
- Soil Mechanics
- Global Ecology

- Automated Highway Systems
- Nanotechnology in Construction Engineering
- Water Resource Engineering
- Modular Constructions
- Building Materials and Infrastructure
- Sustainable Energy and the City
- Case Study
- Earth Crust Engineering
- Water Supply and Drainage Engineering
- Infrastructures and Social Services
- Urban Strategies
- Architectural Issues
- Planning for Risk and Natural Hazards
- Urban Planning
- Municipal Regeneration and Sustainability
- Environmental Management
- Building Performance Simulations
- Sustainability in the Built Environment
- Economics and Politics in Civil Engineering
- City and Regional Planning Education
- Biogeography
- Land Surveying
- Bridges and Structural Engineering
- Commercial Site Development
- Residential Site Development
- Computational Mechanics
- Archaeology
- Hydraulic Engineering
- Safety Sciences
- Finite Element Methods
- Fluid Mechanics
- Coastal and Harbor Project
- Computer-Aided Analysis
- Fracture and Fatigue Mechanics
- Laser Processing
- Modelling and Simulation
- Virtual Engineering
- Structural Resilience
- Offshore Renewable Energy

More information: <https://www.olcinternational.com/civil-engineering-2020/>

XIII International Symposium on Landslides-XIII ISL

15 - 19 June, 2020

Cartagena, Colombia



In association with the Joint Technical Committee on Natural Slopes and Landslides (JTC1) and the Federation of International Geo-engineering Societies: ISSMGE, ISRM and IAEG (FedIGS), the Colombian Geotechnical Society-CGS cordially invites the international geotechnical community to participate in the *XIII International Symposium on Landslides-XIII ISL*, which will be held from June 15 to 19, 2020 in the city of Cartagena-Colombia.

Topics:

1. Weather and landslides.
2. Landslides and seismo-tectonic and volcanic activity.
3. Landslides and Human Activities.
4. Effects of landslides with emphasis on infrastructure and sustainable development.
5. Landslides: Risk Assessment and Managem

Deadlines:

- February 17th, 2020 - Papers deadline
- March 20th, 2020 - Decision to authors
- April 17th, 2020 - Final Papers submission
- April 30th, 2020 - Final decision to authors
- April 30th, 2020 - Early payment

More information: <http://www.scg.org.co/xiii-isl/index.html>

4th International Conference on Transportation Geotechnics (4th ICTG)

30 August - 02 September, 2020

Chicago, ILLINOIS, USA

The 4th International Conference on Transportation Geotechnics (4th ICTG) will be held in Chicago, Illinois, on August 30–September 2, 2020. This is the main conference event of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) Technical Committee (TC) 202 on Transportation Geotechnics and it is organized every four years. The primary focus of TC202 is to apply broad engineering to bridge the gap between Pavement/Railway Engineering and Geotechnical Engineering.



The Transportation Geotechnics International Conference series began under the auspices of ISSMGE Technical Committee (TC) 3 and was initiated in 2008 at the University of Nottingham, UK, as an international event designed to address the growing requirements of infrastructure for societies. The 2nd International Conference on Transportation Geotechnics (ICTG) took place in Sapporo, Japan in 2012 under the ISSMGE-TC202 that followed the TC3 activities for the period 2009-2013, and the 3rd ICTG was organized in Guimarães, Portugal in September 2016.

Following this 3rd successful conference, the 4th ICTG in 2020 will continue to promote co-operation and exchange of information and knowledge about the geotechnical aspects and address challenges in design, construction, maintenance, monitoring and upgrading of roads, railways, airfields and harbor facilities and other ground transportation infrastructure with the goal of providing safe, economic, environmental, reliable and sustainable infrastructures.

4th ICTG Conference Themes

- Mechanistic-empirical design (road, railways, airfields and harbor facilities)
- Optimized geomaterial (including hydraulically bound materials and asphalt mixtures) use, reuse and recycling in road embankments and structural layers
- Sustainability in transportation geotechnics
- Rail track substructures, including transition zones, and transportation geodynamics
- Stabilization and reinforcement of geomaterials and its implications in pavement and rail track design
- Geosynthetics in transportation applications
- Subsurface sensing for transportation infrastructure
- Smart and connected transportation infrastructure, including Macro and Nanotechnology applied to transportation geotechnics
- Intelligent construction in earthworks technology and management
- Climatic effects on geomaterial behavior related to mechanics of unsaturated transportation foundations
- Slope stability, stabilization, and asset management
- Effect of climate change
- Harbor geotechnics
- Case histories

More information: <http://www.conferences.illinois.edu/ICTG2020>

GEOMEAST 2020 International Congress and Exhibition

08 - 12 November, 2020

Cairo, Egypt



The GeoMEast 2020 International Congress and Exhibition will be held in Cairo, Egypt from November 08 to 12, 2020. The GeoMEast SERIES is managed by SSIGE and supported by a number of leading international professional organizations.



Recent rapid construction in Egypt and the Middle East has provided great opportunities for bridge, pavement, geotechnical, geological, tunnel and all engineers to use their knowledge and talents to solve many challenging problems involving highways, bridge structures, pavements, materials, ground improvements, slopes, excavations, dams, canals and tunnels with innovative solutions and cutting-edge technologies.

GeoMEast 2020 will provide a showcase for recent developments and advancements in design, construction, and safety inspections of transportation Infrastructures and offer a forum to discuss and debate future directions for the 21st century.

Conference topics cover a broad array of contemporary issues for professionals involved in bridge, pavement, Geomechanics, geo-environmental, geotechnical, geosciences, geophysics, tunnel, water structures, railway and emerging techniques for safety inspections. You will have the opportunity to meet colleagues from all over the world for technical, scientific, and commercial discussions.

Deadlines:

- February 15, 2020: Deadline for Abstract submission
- March 1, 2020: Notify authors of accepted Abstracts
- May 30, 2020: Deadline for Full Paper submission
- June 30, 2020: Notify authors of Accepted Papers
- July 30, 2020: Final Camera-Ready Papers
- November 8~12, 2020: Conference Days

The proceedings of GeoMEast 2020 will be published in some Edited Books in SUCI Book Series by Springer-DE, which will be indexed in EI and submitted for inclusion in ISI "Thomson Reuters". In addition, some journal special issues will be published in some prestigious journals from selected best papers of the conference, however, authors need to expand and include materials that are at least 50:75% different than the accepted papers in the proceedings.

GeoMEast 2019 will provide some awards; such as: best paper awards, best presenter awards, best student presenter awards, industrial project, and others.

The program will include Podium Presentations, Poster Presentations, Keynote Lectures, Workshops, Courses, Awards, Technical Meetings, and Technical and Social Tours.

Simultaneous translation may be provided during the conference in Arabic, English, French, German, Russian and any other required languages.

More information: <http://www.geomeast2020.org>

CALENDAR

| Date | Event | Place |
|---------------|--|-----------------------------------|
| 20-22.02.2020 | 8 th Construction institute Summit " <i>Our Vision Is 20/20: Challenge the Past and ENGINEER TOMORROW</i> " | Los Angeles, California USA |



<https://www.cisummit.org/>

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|---------------|---|-----------------------------------|
| 02-04.04.2020 | 44th International JVE Conference " <i>Vibration and Acoustics in Civil Engineering and Fault Diagnostics</i> " | Dubai, UNITED ARAB EMIRATES |
|---------------|---|-----------------------------------|



<https://www.jveconferences.com/conference/DUBAI-2020>

| Date | Event | Place |
|---------------|--------------------------|----------------------------|
| 05-08.04.2020 | Structures Congress 2020 | St. Louis, Missouri USA |



<https://www.structurescongress.org/>

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|---------------|--|-----------------|
| 07-09.04.2020 | S.ARCH 2020 — the 7 th International Conference on Architecture and Built Environment with AWARDS | Tokyo, JAPAN |
|---------------|--|-----------------|



<https://www.s-arch.net/>

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| 04-08.05.2020 | ERASMUS CONGRESS & EXHIBITION - ERACON 2020 | Varna, BULGARIA |
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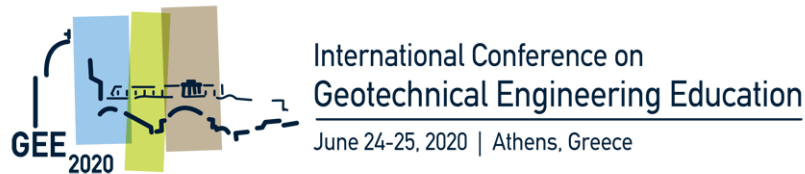
<http://eracon.info/index.php?id=665>

| Date | Event | Place |
|---------------|--|------------------------------|
| 25-27.05.2020 | 14th Baltic Sea Geotechnical Conference 2020 | Helsinki, FINLAND |



<https://www.ril.fi/en/events/bsgc-2020.html>

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|---------------|---|---------------------------|
| 24-25.06.2020 | Conference Geotechnical Engineering Education 2020 (GEE2020) | Athens, GREECE |
|---------------|---|---------------------------|



<https://www.erasmus.gr/microsites/1168>

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|---------------|---|--------------------------------------|
| 20-25.09.2020 | 48th SEFI Annual Conference | Enschede, THE NETHERLANDS |
|---------------|---|--------------------------------------|

<https://www.sefi2020.eu/>



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|---------------|---|----------------------------|
| 21-22.09.2020 | ICCEEL 2020-International Conference on Civil Engineering Education and Learning | Toronto, CANADA |
|---------------|---|----------------------------|



<https://waset.org/civil-engineering-education-and-learning-conference-in-september-2020-in-toronto>