

International Association for Bridge and Structural Engineering

Call for Papers

Belgian, French and Dutch National Groups of IABSE

Young Engineers Colloquium 2020 - YEC2020

13 and 14 March 2020 at Factory Forty, Brussels, Belgium



Silver Tower, Brussels, Belgium

Young Engineers Colloquium

The Belgian, French and Dutch National Groups of IABSE have the pleasure of inviting you to attend the jointly organized Young Engineers Colloquium 2020 (YEC2020) on 13 and 14 March 2020 at Factory Forty in Brussels in Belgium. YEC2020 is especially meant for young engineers to exchange knowledge internationally, with the focus on Belgium, the Netherlands and France. The colloquium is open to all professionals interested in structural engineering regardless their age, but apart from the keynote speaker, all presenters are young engineers under 35 years of age. This colloquium offers young engineers the opportunity to present their interesting research, engineering or construction projects to an audience of fellow engineers from the structural engineering sector. It provides attendees with an overview of current research topics as well as challenging engineering and construction projects and is an excellent platform to share experiences among experienced and young engineers.

We are looking forward to receiving interesting project descriptions from young engineers under 35 years of age (born 1984 or later). Please submit a two-page paper in English by **21 February 2020 (EXTENDED DEADLINE)** to YEC2020@iabse.be. A two-page paper can present student projects, PhD research as well as engineering and construction projects. In the spirit of IABSE, contributions on buildings, bridges and any other civil engineering structure and in any material are welcome. In due time, you are asked to prepare either a 10 minutes presentation or a poster on A1 format. All presentations are in **English**.

About IABSE

IABSE stands for International Association for Bridge and Structural Engineering and is the international professional and scientific association active in the field of structural engineering. IABSE offers a platform for structural engineers to exchange information and to learn from each other at the international level.

IABSE covers all aspects of structural engineering in all materials.

The structures comprise besides bridges also buildings and all kinds of civil engineering structures. For more information see www.iabse.org. The Belgian, French and Dutch National Groups of IABSE are sister associations of the main IABSE organization which is based in Zurich, Switzerland.



About the Belgian, French and Dutch National Groups of IABSE

The Belgian, Dutch and French National Groups of IABSE have a strong tradition in organizing and co-organizing international events. The French National Group and the French Association of Civil Engineering recently organized the 40th annual IABSE international Symposium in Nantes in 2018 on the theme “Tomorrow’s Megastructures”, The Belgian and Dutch National Groups are now in the process of organizing the 43rd Congress of IABSE in Ghent, Belgium from 20 to 24 September 2021. These National Groups encourages young engineers to present their interesting research, engineering or construction projects to such an international audience of fellow engineers all over the world from the structural engineering sector. YEC2020 is a logical in-between step towards these main IABSE congresses.

Schedule YEC2020

Opening Ceremony at 10am on 13 March 2020

Welcome from the Belgian National Group of IABSE – Alain Dumortier

Welcome from the French National Group of IABSE – Bruno Godart

Welcome from the Dutch National Group of IABSE – Bert Hesselink

Keynote Presentation – Laurent Ney, Ney & Partners (winner 13th Gold Gustave Magnel medal)

Selected Presentations – Part 1

Poster Pitch Presentations

Lunch

Selected Presentations – Part 2

Short Presentation on IABSE

Closing Ceremony at 5pm

Transfer to city centre and guided walk

Colloquium Dinner at 7:30pm, (Falstaff Restaurant), Brussels

Technical Excursion: Silver Tower, 9:30am – 3:30pm on 14 March 2020

Registration

Please register for YEC2020 by registration via the link <https://eventmanager.ugent.be/YEC>

Your name, address and affiliation and your presence to the colloquium dinner and/or the technical excursion will be asked.

- Registration fee for young engineers under 35 years of age (born 1985 or later) including colloquium, dinner and excursion: **€ 75,-** (also including lunch, coffee/tea breaks and colloquium proceedings).
- Registration fee for other professionals interested in structural engineering including colloquium, dinner and excursion: **€ 150,-** (also including lunch, coffee/tea breaks and colloquium proceedings).
- Registration fee for students for colloquium only: **€ 25,-** (also including lunch and coffee/tea breaks).

Venue

Factory Forty, rue des anciens étangs, 40, 1190 Brussels, Belgium
Room: Conference Hall
Directions can be found on the website: <https://www.factoryforty.be/>



Awards

The best two oral and two poster pitch presentations will be awarded with € 500,-. The jury consists of representatives from Belgian, French and Dutch universities and industry.

Technical Excursion

The Technical Excursion takes place on Saturday 14 March 2020 visiting the Silver Tower in Brussels, Belgium under the guidance of technical specialists.

Organizing and Scientific Committee

Prof. dr. ir. H. (Hans) De Backer, Ghent University, Ghent, Belgium
Prof. ir. B. (Bart) De Pauw, TUCRAIL, Brussels, Belgium and Ghent University, Ghent, Belgium
ir. A. (Alain) Dumortier, Bureau Greisch, Liege, Belgium
Prof. ir. V. (Vincent) de Ville de Goyet, Uliege, Liege, Belgium
ir. P. (Pierre) Mengeot, Besix, Brussels, Belgium
dr. ir. A. (Amelie) Outtier, Ghent University, Ghent, Belgium
Ing. B. (Bruno) Godart, Gustave Eiffel University, IFSTTAR, Champs/Marne, France
Prof. E. (Emmanuel) Ferrier, Lyon 1 University, LMC2, Villeurbanne, France
Ing. D. (Daniel) BITAR, CTICM, Saint-Aubin, France
Ing. X. (Xavier) Cespedes, Bureau d'études STRAINS, Paris, France
Prof. ir. H.H. (Bert) Snijder, Eindhoven University of Technology, Eindhoven, The Netherlands
Ing. B.H. (Bert) Hesselink, Movares, Utrecht, The Netherlands
Dr. ir. A. (Ane) de Boer, formerly at Rijkswaterstaat, Utrecht, The Netherlands
Ir. S. (Sander) van Alphen, Movares, Utrecht, The Netherlands
Ir. S. (Stijn) Joosten, Arup, Amsterdam, The Netherlands and YOUCON

Message from the President of IABSE Prof. Yaojun Ge

Young engineers will be the builders of our world in the coming generations when they will have to face the environmental changes effects, they will have to learn how to use new materials and they will need to solve the problems thinking, more and more, in terms of global interconnections. All this means a status of permanent innovation to face the future, building a better world.

With these ideas, IABSE strongly supports the organization of the Young Engineers Colloquium as a forum of discussion of innovative ideas that will lead the engineering profession in the next years, ideas that are invited to be brought inside IABSE, as technical groups, keeping IABSE a leading organization in structural engineering.



Message from the Chair of the Belgian National Group of IABSE, Alain Dumortier

In 2019, The Dutch and Belgian National Groups of IABSE co-organized the Young Engineers Colloquium 2019 in Eindhoven.

By this the idea of providing a platform for exchanging ideas, networking and common fun for young engineers continues on an international level. This is another example following the well-known spirit of IABSE. It a pleasure to share this experience with our southern neighbors and now co-organize the Young Engineers Colloquium 2020 in Brussels. Looking forward to welcome many engineers – young of age or young-at-heart – from academia and practice for an exciting two-day event in Brussels!



Message from the Chair of the French National Group of IABSE, Bruno Godart

After having organized the 40th international IABSE annual Symposium in Nantes in 2018 on the theme “Tomorrow’s Megastructures”, the French National Group of IABSE and the French Association of Civil Engineering have the great pleasure to co-organize the Young Engineers Colloquium 2020 in Brussels, with our colleagues of the Belgian and Dutch National Groups of IABSE. It is with our young colleagues that the performance of our built environment has to be discussed, as they will be the builders of the future, achieving “higher, longer and stronger” solutions in a sustainable way, and meeting the challenges of tomorrow, especially facing the climate change. I am impatiently looking forward to welcome young and less young (!) engineers from academia and practice for an exciting two-day event in the Capital of Europe.



Message from the Chair of the Dutch National Group of IABSE, Bert Hesselink

On 13 and 14 March 2020 the Belgian and the Dutch National Group of IABSE will be the joint hosts of a colloquium aimed at young engineers. The Dutch National Group is proud to be part of this initiative. YEC2020 builds on the long history of trade and collaboration between France, Belgium and the Netherlands and on the strong common engineering tradition. Offering a unique opportunity for young professionals to meet and exchange ideas across borders, the initiative truly reflects the international spirit of IABSE.

Students, young engineers and experienced professionals, who act as mentors and beacons of our profession, are warmly welcomed to participate actively in an inspiring day which will serve as an introduction to the vibrant community of IABSE and its activities.



IABSE Young Engineers Program

The IABSE Young Engineers Program (YEP) offers young engineers a platform inside IABSE to build up and enlarge their professional network as well as share experiences with other young engineers or experienced civil engineers. The Young Engineers Program is open to all engineers under 35 years of age.

Contact

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Call for sponsors

Companies can contribute to the success of YEC2020 in three ways:

1. sending one or more of your young structural engineers (or other professionals) to YEC2020;
2. sponsoring YEC2020 by an amount of € 500,- per company (engineering offices, contractors, software producers, governmental organizations);
3. a combination of the above two ways (which is of course the preferred way by the organizers).



As a sponsor you have the following advantages:

- you will be mentioned with your company logo as sponsor in the final program and in the final proceedings (please take note that the proceedings will be part of the IABSE publications https://www.iabse.org/IABSE/publications/Shop/IABSE_Reports.aspx)
- you will be mentioned with your company logo as sponsor on the websites of the Belgian, French and Dutch National Groups of IABSE
- you will be mentioned with your company logo as sponsor during the colloquium in the breaks on screen and in the program of YEC2020
- you are allowed to circulate flyers during the colloquium;
- you will be mentioned with logo as a sponsor in the colloquium proceedings.

You can apply as a sponsor by sending an email to YEC2020@iabse.be. You will be contacted subsequently and you will get a confirmation with an invoice.

Sponsoring of YEC2020 by companies is highly appreciated!