

Application

Within this colloquium, young engineers can present student projects, PhD research papers as well as construction projects from all fields of civil engineering. The presentations are going to be held in English. The best presentation will be awarded with a prize valued at 1 000 €. We are looking forward to receive interesting project descriptions from young engineers under 35 years of age (born 1984 or later). Please submit a two-page paper including a short Curriculum Vitae using our template by **31st December 2017**. For further information please visit our website at <http://www.iabse.de/YEC2018>.

Please send your application via e-mail to YEC2018@iabse.de.
Submission deadline: **31st December 2017**

The jury consists of representatives from German and Austrian universities and industry.

For further questions, please contact our organising committee at YEC2018@iabse.de

Technical walks

Technical walks to attractive construction sites in the area will take place on Saturday, 14th April. For further information please check the website at <http://www.iabse.de/YEC2018>.

Organising Committee

Univ.-Prof. Dr.-Ing. Geralt Siebert
Universität der Bundeswehr München, Germany

Univ.-Prof. i. R. Dipl.-Ing. Dr. techn. Peter Maydl
Graz University of Technology, Austria

Prof. Dr.-Ing. Marion Rauch
Fachhochschule Nordwestschweiz, Switzerland

Marcin Bulkowski
ARUP Deutschland GmbH, Germany

Igor Kavrakov
Bauhaus-Universität Weimar, Germany

Matthias Lang
ThyssenKrupp Infrastructure GmbH, Traggerüstbau, Germany

Stefanie Röscher
Ruhr-Universität Bochum, Germany

Peter Seitz
K+S Ingenieur-Consult GmbH & Co. KG, Germany

Registration

Young engineers, IABSE members and interested professionals from all areas of civil engineering are welcome to attend the colloquium in Munich.

Please register on the website of the German Group of IABSE at <http://www.iabse.de/YEC2018>

Registration fee for Colloquium including Get-Together: 50,- € (including lunch, coffee break, colloquium report and dinner)

Venue



Universität der Bundeswehr München
Werner-Heisenberg-Weg 39, D-85577 Neubiberg

For detailed information about the venue, please visit our website.
<http://www.iabse.de/YEC2018>

Sponsors

In alphabetical order



6. Sep 2017



Call for Papers

German and Austrian Group of IABSE

5th Young Engineers Colloquium 2018

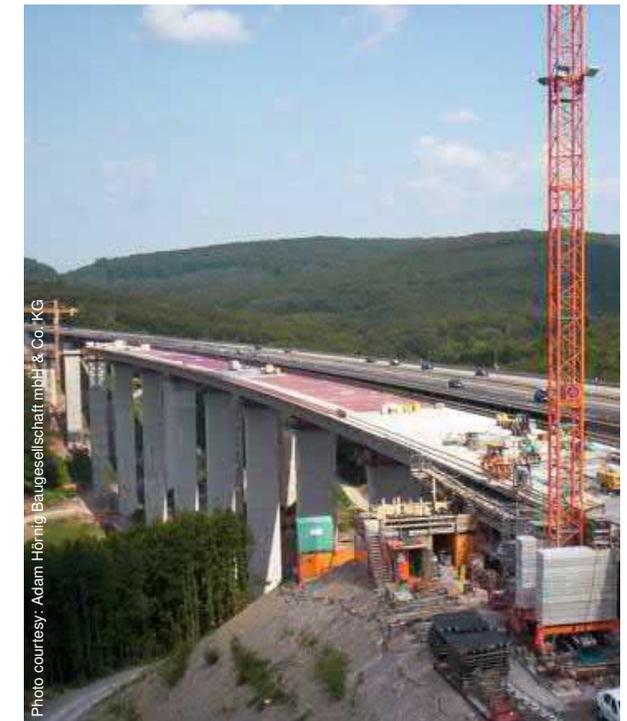


Photo courtesy: Adam Hering Baugesellschaft mbH & Co. KG

Haseltal Bridge BAB A3 Motorway, Germany

Colloquium

Colloquium for Young Engineers

You are a young engineer and want to present your student project, PhD research paper or construction project within this colloquium? This colloquium offers you the opportunity to present your interesting projects from university, research or construction practice to an audience of fellow engineers from the civil engineering sector. It provides attendees with an overview of current research topics as well as challenging construction projects and is an excellent platform to exchange ideas among experienced and young engineers.

Message from the President of IABSE Prof. Fernando Branco



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 German Group of IABSE, Prof. Geralt Siebert



Also in 2018 the successful format of Young Engineer Colloquium YEC continues: the fifth YEC is hold in Munich. I am very pleased, that this time the Austrian group of IABSE has agreed to support the event as co-organizer. The idea of providing young engineers a platform for exchanging ideas, networking and common fun on an international level proved itself. I am looking forward to welcome many engineers – young or

experienced – from academia and practice for exciting days in Munich and to experience the well-known spirit of IABSE.

Schedule

Message from the Chair of the Austrian Group of IABSE, Prof. Peter Maydl



Austrian Group of IABSE highly appreciates the opportunity to co-organize the Young Engineers Colloquium YEC2018 in Munich. The construction sectors of both countries are closely connected for a long time due to economic interdependences, similar building traditions and standards. IABSE represents a worldwide network of structural engineers, consulting offices, construction companies, administration

bodies and technical universities. This opens unique opportunities particularly for young engineers to be part of this network at an early stage of their carrier as civil engineers. The YEC initiated by the German Group of IABSE provides an annual platform to present recent research work or first projects in structural design and to get in touch with an international audience of engineers and scientist. On the other hand this meeting is an excellent chance for entrepreneurs to find engaged young professionals waiting for their first challenges. Therefore, I do hope that many German and Austrian young civil engineers in favour of structural engineering benefit from this initiative.

Schedule

Opening Ceremony at 10 am
Welcome from German Group of IABSE – *Prof. Geralt Siebert*
Welcome from Austrian Group of IABSE – *Prof. Peter Maydl*
Keynote Presentation – *Dr. Tobia Zordan, Italy*

Selected Presentations – Part 1
Poster Session – Part 1

Lunch

Short Presentation on IABSE
Selected Presentations – Part 2
Poster Session – Part 2

Coffee Break

Introduction to YEP
Selected Presentations – Part 3
Closing Ceremony at 5 pm

Get Together with Award Ceremony at 6 pm

Impressions from YEC 2017 are available at
<http://www.iabse.de/YEC2017/Fotos>

Keynote – IABSE YEP Contact

Keynote – Dr. Tobia Zordan, Italy



Tobia Zordan, actually President of BOLINA Ingegneria Ltd., a leading Engineering Company located in Venice-Italy and former Professor at the College of Civil Engineering of Tongji University in Shanghai-PRC, is an expert in bridges, special structures and seismic engineering.

Awarded in 2002 in Melbourne-Australia with the IABSE prize for the best paper from a Young Engineer, he's been

actively working within the Association for 15 years and he's presently chairing the IABSE Foundation.

From 2011 till 2013 he's been Member of the Portuguese Government Committee for the accreditation of the Faculties of Civil Engineering. From 2015 he's been chairing the 'CEN-TC 340' for the drafting of European Norm EN 15129 for Anti-seismic Devices. Author of more than 100 publications in international journals and symposia proceedings in his field of expertise, as President of BOLINA Ingegneria Ltd. he has been involved in several challenging projects like, quoting some of the most recent ones, the new safe confinement of the Chernobyl Nuclear Plant-Ukraine, the roof of the new Arena 92 in Paris-France, the flyovers for the new Metro in Riyadh-Saudi Arabia and Dubai-UAE, the roof of Al-Bayt Stadium in Al Khor-Qatar, the Swan River pedestrian bridge in Perth-Australia and in a number of seismically base isolated buildings.

In his keynote speech he will talk about the difference between "complexity" and "complicacy" in shaping structures focusing on the concept of "Ruled Freedom" that should lead the activity of the designer. Particular emphasis will be addressed to importance of teaching and sharing knowledge with the younger generations of Engineers based on the lessons learnt from real cases.

IABSE Young Engineers Programme

The IABSE Young Engineers Programme (YEP) offers young engineers a platform inside the 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 Programme is open to all engineers under 35 years of age.

Contact

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