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. Prizes will be awarded to the best presentations, valued up to 1 000 €. We are looking forward to receive interesting contributions from young engineers under 35 years of age (born 1989 or later). Please submit a two-page paper using our template and a short Curriculum Vitae by 15th January 2023. For further information please visit our website at http://www.iabse.de/YEC2023

Please send your application via e-mail to YEC2023@iabse.de
Submission deadline: 15th January 2023
The jury for the awards consists of representatives from German and Czech universities and industry.
For further questions, please contact our organising committee at YEC2023@iabse.de

Technical walks

Technical walks to attractive construction sites in the area will take place on Wednesday, 31st May 2023. For further information please check the website at http://www.iabse.de/YEC2023

Organising Committee

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

Univ.-Prof. Dr.-Ing. Richard Stroetmann
Technische Universität Dresden, Germany

Prof. Dr. František Wald
Czech Technical University in Prague, Czech Republic

Prof. Dr. Pavel Ryjáček
Czech Technical University in Prague, Czech Republic

Prof. Dr.-Ing. Marion Rauch
Hochschule Kaiserslautern, Germany

Matthias Lang
RöRo Traggerüste GmbH & Co. KG, Germany

Stefanie Röscher
Ruhr-Universität Bochum, Germany

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

Registration

Venue – Sponsors

Registration

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

Please register on the website of the German Group of IABSE at http://www.iabse.de/YEC2023

Registration fee for the Colloquium including Get-Together: 50,– € (including lunch, coffee break, Colloquium report and reception)
Cancellation fee Colloquium: 20,– €

Venue

Technische Universität Dresden
ABS Haus 83, Hörsaalgebäude, room ABS/E08/H
August-Bebel-Straße 20, D-01219 Dresden

For detailed information about the venue, please visit our website. http://www.iabse.de/YEC2023

Sponsors

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SSF Ingenieure
Vöüssing Ingenieure
Socotec

International Association for Bridge and Structural Engineering

Call for Papers

German and Czech Group of IABSE
7th Young Engineers Colloquium 2023

Dresden
30th – 31st May 2023

Saale crossing near Bad Kösen, Germany
Colloquium for Young Engineers

You are a student or 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 project 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.

Greetings from the Chair of the German Group of IABSE

Dr. Tina Vejrum

It is with great pleasure and anticipation that we can now welcome the Young Engineers Colloquium (YEC) back as a physical event after a break imposed by the pandemic. The YEC, organized by the German Group of IABSE in collaboration with a neighbouring IABSE Group – this time in partnership with the Czech Group – is a much-valued event for students and young professionals to present their work, exchange ideas, inspire each other, meet seniors from the profession, make new contacts and expand their network. The YEC event builds on two fundamental core values of IABSE: the importance of young professionals in pushing for development and the need for international collaboration to achieve real change. This important Colloquium brings young professionals in engineering, architecture and design together during two intense days of learning and discussing of innovative ideas that will ultimately shape our future sustainable and liveable societies.

Greetings from the President of IABSE

Prof. Geralt Siebert

The annual Young Engineers Colloquium (YEC) has been organized for nine years by the German IABSE group in cooperation with other IABSE national groups. It is a great honor and pleasure for the Czech IABSE Group to be a partner in the organization of YEC 2023 in Dresden. The development of civil engineering infrastructure in the Czech Republic over the last 30 years has created new challenges in the field of education and training of young engineers. YEC creates an important platform for the presentation of master and doctoral theses of students as well as the first professional civil engineering projects of young engineers. An important aspect of the Colloquium is the unique opportunity for international exchange between young and more experienced engineers. Due to Germany and the Czech Republic’s neighborhood, the interconnected transport network and the cooperation within the European Union, close technical cooperation in the field of civil engineering is of the utmost importance. The war in Ukraine, which has been unleashed by Russia’s aggressive leadership, underlines the importance of defending democratic values within the framework of European cooperation in resolving the crisis. As civil engineers, we are thinking of our Ukrainian colleagues and are ready to help them rebuild their war-torn country when they have won. I am sure that participation in YEC 2023 will be very beneficial for young civil engineers from both countries.

Greetings from the Chair of the Czech Group of IABSE Prof. František Wald

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.

Schedule

30th May 2023 – Conference Day
Opening Ceremony at 10 am
Welcome from German Group of IABSE – Prof. Geralt Siebert
Welcome from Czech Group of IABSE – Prof. František Wald
Keynote Presentation – Dr. Massimo Laffranchi, Switzerland
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
Transfer to German Bridge Building Award Ceremony with Reception
Get Together with Award Ceremony
31st May 2023 – Technical Walks – Program to be announced.

Impressions from YEC 2019 are available at http://www.iabse.de/YEC2019/fotos

Greetings from the President of IABSE

Dr. Tina Vejrum

Greetings from the Czech Group of IABSE

Prof. František Wald

Greetings from the German Group of IABSE

Prof. Geralt Siebert

IABSE Young Engineers Programme

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Contact

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+49-89 – 60 04 – 25 21
+49-89 – 60 04 – 34 72
YECS2023@iabse.de – http://www.iabse.de

Keynote – IABSE YEP

Dr. Massimo Laffranchi, Switzerland

Massimo Laffranchi was born in 1969 in Locarno, Switzerland. He has been educated at the Swiss Federal Institute of Technology (ETH) in Zürich, from where he graduated in 1993. He then worked as a research assistant for Prof. Dr. Peter Marti at the Institute of Structural Engineering (IBK) of ETH between 1993 and 1999. His scientific work focused on the design and analysis of the form and load-bearing behaviour of curved bridges. This formed the basis for his doctoral thesis “Zur Konzeption gekrümmter Brücken”, published in 1999. He started his professional career at the structural engineering office Stocker & Partner in Bern from 1999 to 2001. At the end of 2000, he founded the company Fürst Laffranchi Baulingeunie GmbH in Wolwil with Dr. Armand Först. In the beginning, the company mainly worked on static examination and expert mandates for bridge and civil engineering structures. This was followed by numerous successful project competitions for bridges and buildings, which were realised. These include the Aare bridge and the Aare footbridge in Solothurn West (2006–08), the Mömlatt Sports Training Centre in Brugg/Weidisch (2010), the Hergiswald bridge near Kriens (2013), the Aare bridge in Aarwangen (2015), the Bürgerspital Solothurn (2007–22) and most recently the Saane Viaduct of the BLS in Gümmeren (2019–21), which was awarded the Ernst & Sohn engineering construction prize in 2022. From 2000 to 2013, he was a professor at the Faculty of Architecture of the Università della Svizzera Italiana (USI). In 2007, he was awarded the CS Best Teaching Award. He has been involved since 1996 with the Swiss Society for the Art of Engineering through his participation in realised exhibitions and published books. He has been a member of the board since 2001 and he has been president of the Society since 2019.

IABSE Young Engineers Programme

For the 7th time Young Engineers Colloquium (YEC) will be organized by the German Group, this time in collaboration with the neighbors and IABSE colleagues from Czech. Due to pandemic, the yearly format of YEC unfortunately had to pause. Characteristic to YEC as well as for IABSE is the need for international collaboration to achieve real change. This important Colloquium brings young professionals in engineering, architecture and design together during two intense days of learning and discussing of innovative ideas that will ultimately shape our future sustainable and liveable societies.

Greetings from the Chair of the Czech Group

Prof. František Wald

Greetings from the President of IABSE

Dr. Tina Vejrum

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Greetings from the Chair of the German Group

Prof. Geralt Siebert

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