

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

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

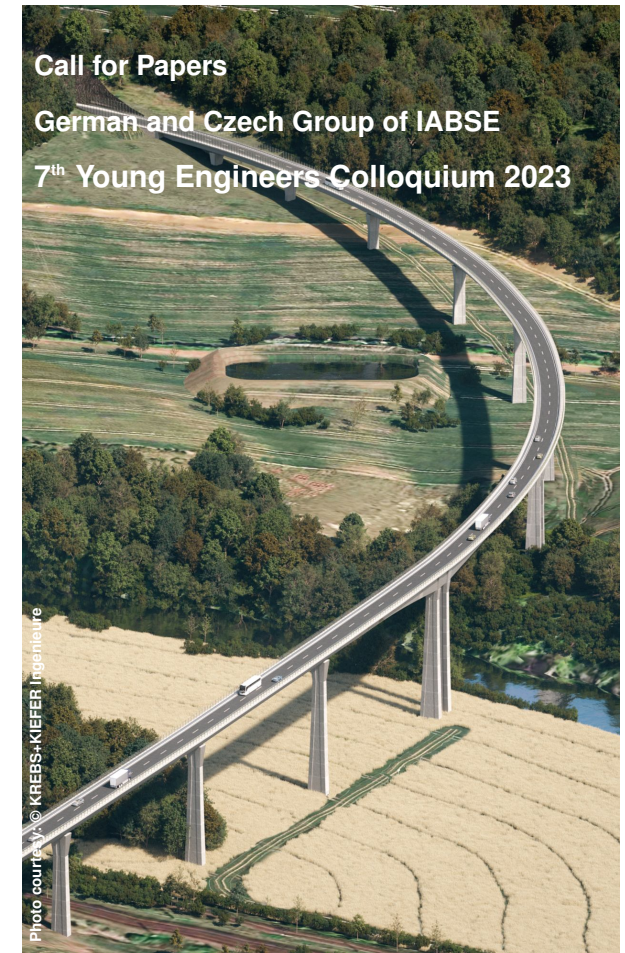


Technische Universität Dresden

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 in alphabetical order



Saale crossing near Bad Kösen, Germany



Dresden

30th – 31st May 2023

Greetings from the President of IABSE Greetings from the German Group

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 President 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 Chair of the German Group of IABSE Prof. Geralt Siebert



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 thriving format to meet for exchanging knowledge, sharing experience and having a good time on international level. I am looking forward to welcome many engineers – young and experienced – from academia and practice to share this special spirit in the wonderful city of Dresden. The coincidence with German Bridge Building Award Ceremony is on purpose, it offers an additional opportunity for networking, exchange and expanding horizons.

Greetings from the Czech Group Schedule

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



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.

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>

Keynote – IABSE YEP Contact

Keynote Speaker

Dr. Massimo Laffranchi, Switzerland



Massimo Laffranchi was born 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 Bauingenieure GmbH in Wolfwil with Dr. Armand FÜRST. 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 Mülimatt Sports Training Centre in Brugg/Windisch (2010), the Hergiswald bridge near Kriens (2013), the Aare bridge as in Aarwangen (2015), the Bürgerspital Solothurn (2007-22) and most recently the Saane Viaduct of the BLS in Gümmenen (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

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 Programm is open to all engineers under 35 years of age.

Contact

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