



2026
COPENHAGEN
IABSE

IABSE SYMPOSIUM 2026 FINAL PROGRAMME



**BRIDGING ADVANCED TECHNOLOGIES
– STRUCTURAL INNOVATION**

21-24 April 2026
Tivoli Congress Center, Copenhagen



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Welcome to Copenhagen

Danes rank among the happiest people in the world, and in Copenhagen, it's easy to see why. The city blends royal heritage, contemporary architecture, and rich cultural experiences with a commitment to sustainability and an acclaimed culinary scene. From the impressive art collections at Glyptoteket to the striking architecture of the Black Diamond library and captivating performances at the Royal Theatre, there is no shortage of cultural attractions.

History enthusiasts can explore the Amalienborg Museum, housed in the Danish royal family's residence, or take guided city walks to uncover Copenhagen's fascinating past. Museums such as the National Museum and Copenhagen Museum offer deeper insights into Danish history and heritage.

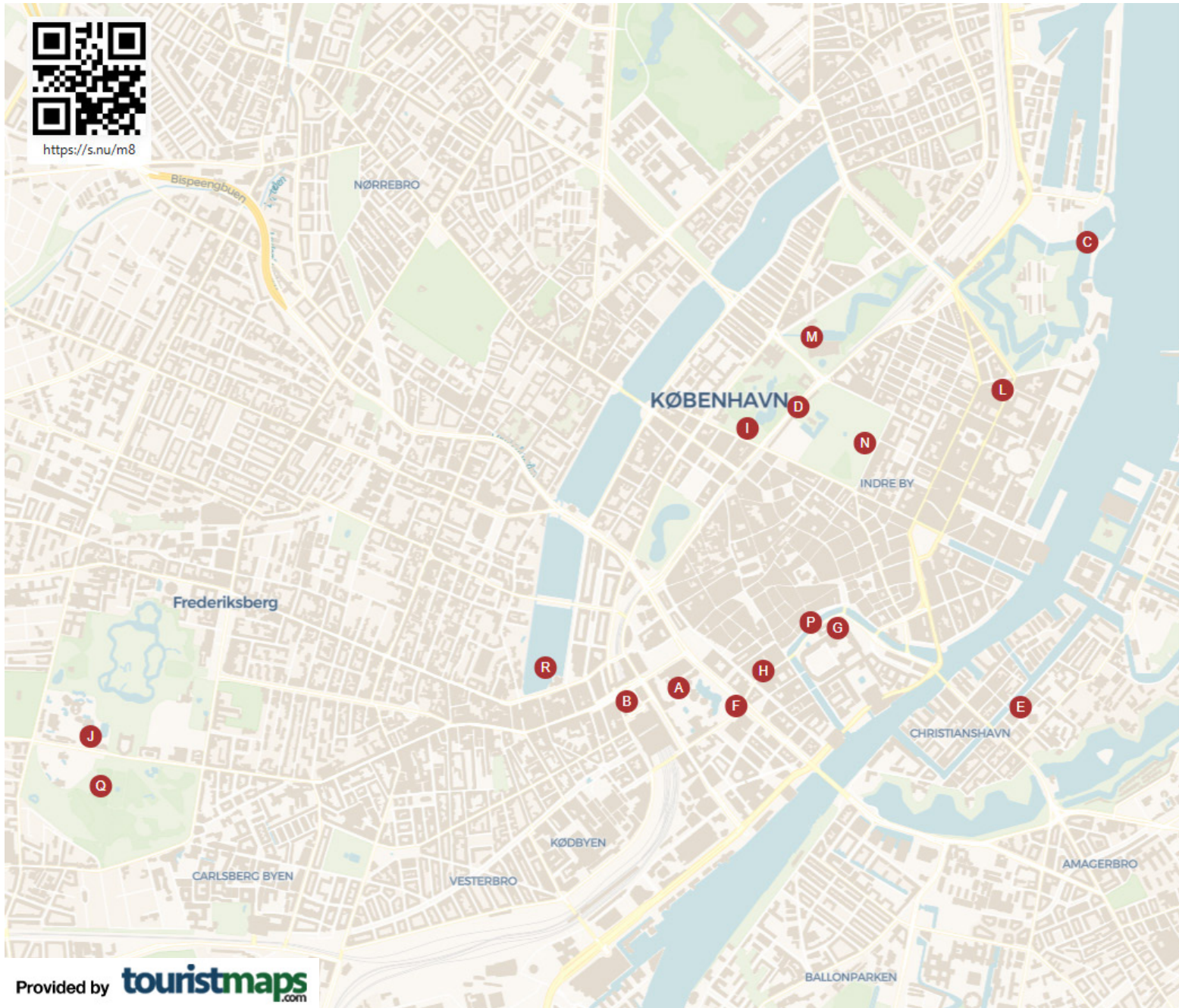
For a more leisurely experience, wander along the city's picturesque cobblestone streets or take an idyllic canal tour for a unique view of Copenhagen from the water. End your day with a magical evening at Tivoli Gardens, where enchanting lights, nostalgic rides, and charming gardens create an unforgettable atmosphere.

The official guide to Copenhagen : <https://www.visitcopenhagen.com/>

Top attractions in Copenhagen: <https://www.visitcopenhagen.com/copenhagen/activities/top-attractions-copenhagen>



Cirkelbroen on the harbour in Christianshavn.



COPENHAGEN.COM

List of things to see and do in Copenhagen

- A** Tivoli Gardens 
- B** Copenhagen Central Station 
- C** The Little Mermaid 
- D** Rosenborg Castle 
- E** Our Saviour's Church 
- F** Ny Carlsberg Glyptotek 
- G** Christiansborg Palace 
- H** The National Museum of Denmark 
- I** Botanical Garden 
- J** Copenhagen ZOO 
- K** National Aquarium Denmark, Den Blå Planet 
- L** Designmuseum Danmark 
- M** National Gallery of Denmark 
- N** The David Collection 
- O** Bakken 
- P** Thorvaldsens Museum 
- Q** Cisternerne 
- R** Planetarium 

Message from the Organising Committee

The Danish Group of IABSE, has the great pleasure to invite the international structural engineering community to join us at the IABSE Symposium 2026 in Copenhagen.

The theme of the Symposium, “Bridging Advanced Technologies – Structural Innovation,” serves as a call for all engineers to come together, young and curious as well as ambitious and experienced. We encourage all of you to share papers on R&D projects, your lessons learned and real case studies. As we often learn most from the difficult times, where things did not go as planned, we ask you to be brave and also share the hard learned lessons.

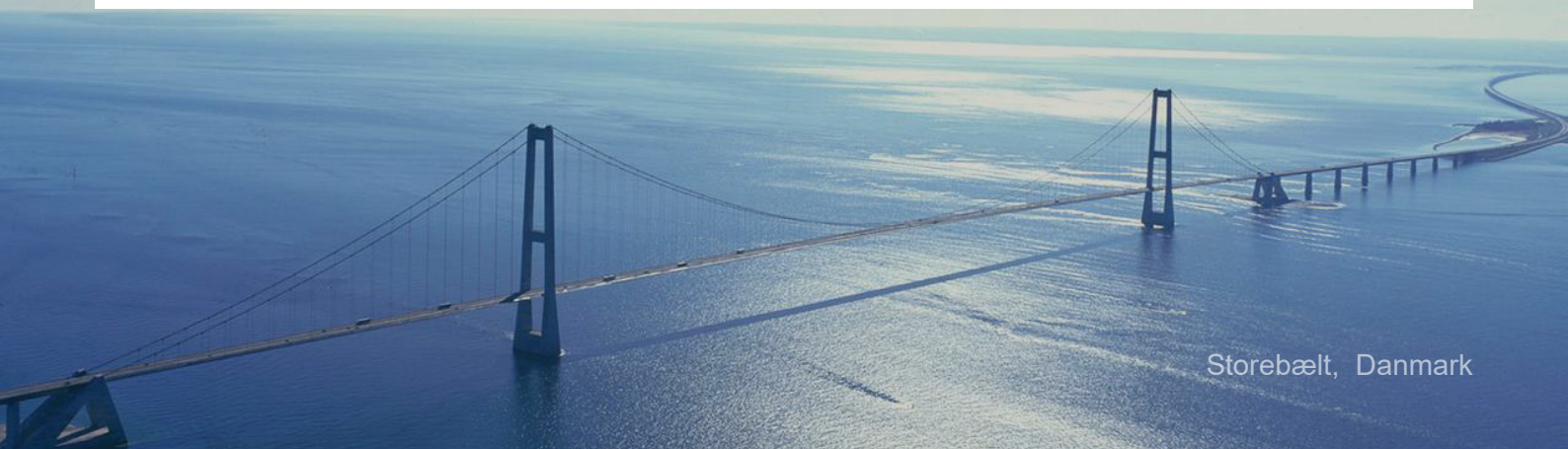
The Symposium will provide a unique opportunity to share knowledge, learn from the experience of others and together set a new agenda for the future.

Denmark is a nation of Bridge Builders and Copenhagen is the perfect location for an International Symposium of the engineering community. Copenhagen combines historical, cultural landmarks with innovative modern architecture. Copenhagen is a ‘Green City’, with a strong emphasis on sustainability, from urban development to gastronomy and transportation, as the most bike-friendly city in the world.

Copenhagen currently ranks 2nd in the Global Destination Sustainability Index and aims to be the world’s first carbon neutral capital city. So come to Copenhagen, enjoy a free kayak-tour and collect waste from the water whilst seeing the many bridges from beneath, or go green on a bike ride whilst enjoying spectacular bridges and buildings.

We are excited to welcome old friends back to Copenhagen and even more excited to meet new friends from around the world in our wonderful city. We look forward to welcoming you to Copenhagen, Denmark, in April 2026 and to learn from your experience. Be brave.

Warm regards,
Barbara MacAulay, Chair of the Organising Committee.



Thank you for joining Us for the Symposium in Copenhagen

21st to 24th April 2026

Dear Friends

We, the International Association for Bridge and Structural Engineering (IABSE), are delighted to announce that the IABSE Symposium 2026 will take place in the beautiful city of Copenhagen, Denmark, from 21st to 24th in April, 2026. This premier event will bring together leading experts, researchers, and practitioners from around the globe to share insights, foster collaborations, and promote the exchange of knowledge and advance the practice of structural engineering worldwide in the service of the profession and Society at large.

The Danish Group of IABSE, has the great pleasure to invite the international structural engineering community to join us at the IABSE Symposium 2026 in Copenhagen. The theme of the event is “**Bridging Advanced Technologies – Structural Innovation**” having various topics / sub-themes - *Circular Construction, Structural Modelling & Structural Concepts, Codes and Standards, Material Technology, Data Driven Technologies and Automation and Robot Technologies*.

Copenhagen is one of Europe’s most charming and vibrant cities, where you can also experience the charm of the beautiful city on a bike. It is the cycling capital of Europe, with its many bicycle and pedestrian bridges along the canals. You can immerse yourself in Copenhagen’s rich history, home to iconic landmarks such as the Tivoli Gardens, the Little Mermaid statue, and the historic Nyhavn waterfront. The city also boasts architectural marvels like Rosenborg Castle and

the modern Opera House, blending centuries of cultural heritage with contemporary design.

Another principal advantage of attending the Symposium is to **Engage with cutting-edge Research**: Learn from keynote speakers and presenters who are at the forefront of innovation; **Network with global peers**: Connect with thought leaders, researchers, and professionals; **Showcase your work**: Present your ideas to an engaged and diverse audience of Structural and Civil Engineers.

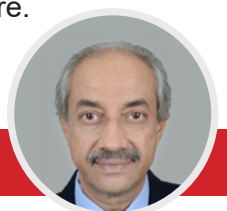
Don’t miss this chance to contribute to the dialogue and make your mark on the Structural Engineering Community; whether you are an established expert or an emerging voice, we welcome your participation.

In addition to organising conferences and technical meetings, IABSE also encourages and conducts Continuing Professional Development and Education Programmes and publishes highly respected reports, communications and periodicals with far-reaching circulation.

On behalf of IABSE, I thank the Danish Group for organising the Symposium in **Copenhagen**. For further details and timeline of submissions, e.g. Call for Abstracts, Submission Guidelines, Key Dates, please refer to the brochure.

Dr Harshavardhan Subbarao

President-Elect IABSE





Tivoli Congress Center

Arni Magnussonsgade 2,
1577 Copenhagen V.

Venue

How to get to the Venue

The congress center is located in the city centre. You can take the train direct from Copenhagen Airport Terminal 3 on track 2 to Copenhagen. Get off at Copenhagen Central Station and walk to the hotel, which is within 8-10 minutes walking distance.

You can also get a train on tracks 11 and 12 at Central Station that will take you to Dybbølsbro Station. Tickets from the airport to Copenhagen Central Station are also valid on the bus, metro and S-train. Total travel time is approx. 25 minutes. Tickets valid for all public transport can be bought in the airport Terminal 3 or from machines at the metro station. You need a 3 zone ticket per trip from/to the airport.

Taking a taxi from the airport will cost approx. DKK 280. All taxis are metered and accept all major international credit cards.

Local Transportation

The Metro train from Copenhagen Airport offers you a direct train every 4-6 minutes to the city centre of Copenhagen and will take approximately 14 minutes.

Please check www.m.dk and www.rejseplanen.dk for further information.

Official language

The official working language at the congress is English and no translation is offered.

Liability and Insurance

Participants are requested to arrange for their personal travel and health insurance. Neither the Organisers nor the Congress Secretariat will assume any responsibility whatsoever for damage or injury to persons or property during the congress.

Emergency Services

Police - Ambulance - Fire Brigade * **Dial 112**

Climate

In April the weather can change a lot with an average temperature around 7 degrees. An umbrella may be useful. For more information, please see: www.dmi.dk/en/vejrl

Shops

The shops are open from 09:00/10:00 to 18:00/19:00 hrs. Monday through Thursday and 09:30/10:00 to 20:00 on Friday and 09:00 to 17:00 on Saturday/ Sunday.

Banks

Normal banking hours are from 10:00 to 16:00 hrs. Monday to Friday. On Thursday banking hours are extended to 18:00 hrs. Extended banking facilities are available at Copenhagen Central Railway Station 7 days/week between 07:00 and 21:00 hrs. There are ATMs usually located in connection with a bank branch, which accept a variety of international credit cards. The cards accepted are indicated on the dispenser.

Currency and money exchange

The currency in Denmark is Danish Kroner (DKK). 1 Euro is approx. 7,45 DKK and 1 USD is approx. 6,39 DKK as per April 2026. Most shops and restaurants accept Euro, but at a higher rate. Credit cards are widely accepted – also in taxis.

Tips

Tips are always included in the prices given in taxis and restaurants in Denmark. Tipping is not expected but appreciated.

Smoking ban

Smoking is banned in all indoor public places and restaurants in Copenhagen. The congress is a no-smoking event and smoking is not permitted at the venue.

Electricity supply

Electricity is supplied at 220 volts A/C, 50 Hz cycle. Outlets are of the two round pin type.

Changes

The Organisers reserve the right to adjust or change the programme as necessary.



Photo: Thomas Høyrup Christensen

General Information

Registration & Opening hours

The registration desk is located on the ground floor. Participants must register at the registration desk upon arrival at the conference (Tivoli Congress Center). Please remember to bring your confirmation of registration. It is also possible to buy an admission ticket on site.

Registration desk will be open:

Tuesday - 21 April:	17:30 hrs (City Hall)
Wednesday - 22 April:	07:30 – 16:00 hrs.
Thursday - 23 April:	08:00 – 16:00 hrs.

Name badges will be provided upon registration should be wore all the time.

General Information

The conference follows a tight schedule, and all speakers are eager to share their work with you. Out of respect for the presenters and fellow participants, we kindly ask that you arrive on time for all sessions, and ensure your phone is set to silent mode.

A photographer will be present during conference days to take pictures of the sessions and events. The pictures could potentially be made public on the congress website. If, for some reason, you discover a picture of you that you do not want public, please let the staff in the registration desk know, and we will remove the picture.

Coffee Breaks And Lunches

Coffee and lunches are included in the conference fee and will be served in the foyer of the congress center. Please contact a member of the staff if you have any food allergies, that we should be made aware of, if you did not already inform us.

Sponsors And Exhibition

In the foyer of the conference center and in the room Vandsalen, you will find a range of sponsor-

and exhibition stands hosted by various companies, showcasing their products and services.

We strongly encourage you to visit the exhibitors and explore what they have to offer.

Remember to participate in the special sponsor session held by our gold sponsor **Hebei Baoli Engineering Equipment** on Thursday morning at 8.00. All delegates are welcome.

Certificate of Attendance

Certificates will be sent to participants by e-mail after the conference.

Event Application

We strongly encourage all delegates to download "The Event App" by EventsAir, which will make it easier to follow the symposium program. The app will allow you to learn more about the topics, papers, social events etc. We recommend enabling push notifications in the congress app, as important service messages and reminders will be communicated through it during the event. Registration details have been sent to you by e-mail.



Internet

There is free internet available at the venue area.

Network: tivolihotel

Password: tivolihotel

IABSE Desk

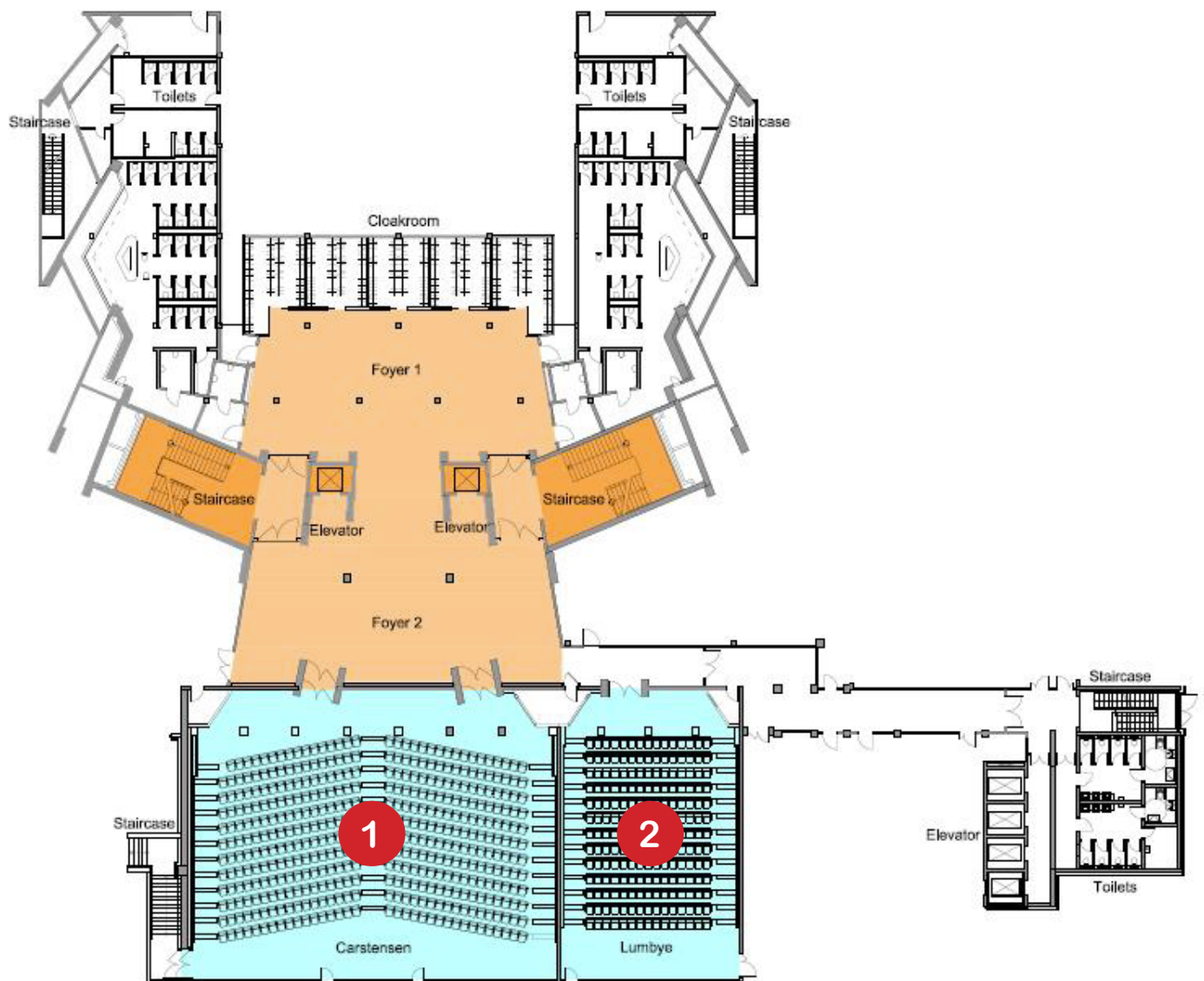
It is located on the lower floor foyer.

Proceedings

The proceedings will be available with open book access and can be downloaded from the conference website. You will be notified when it is ready.

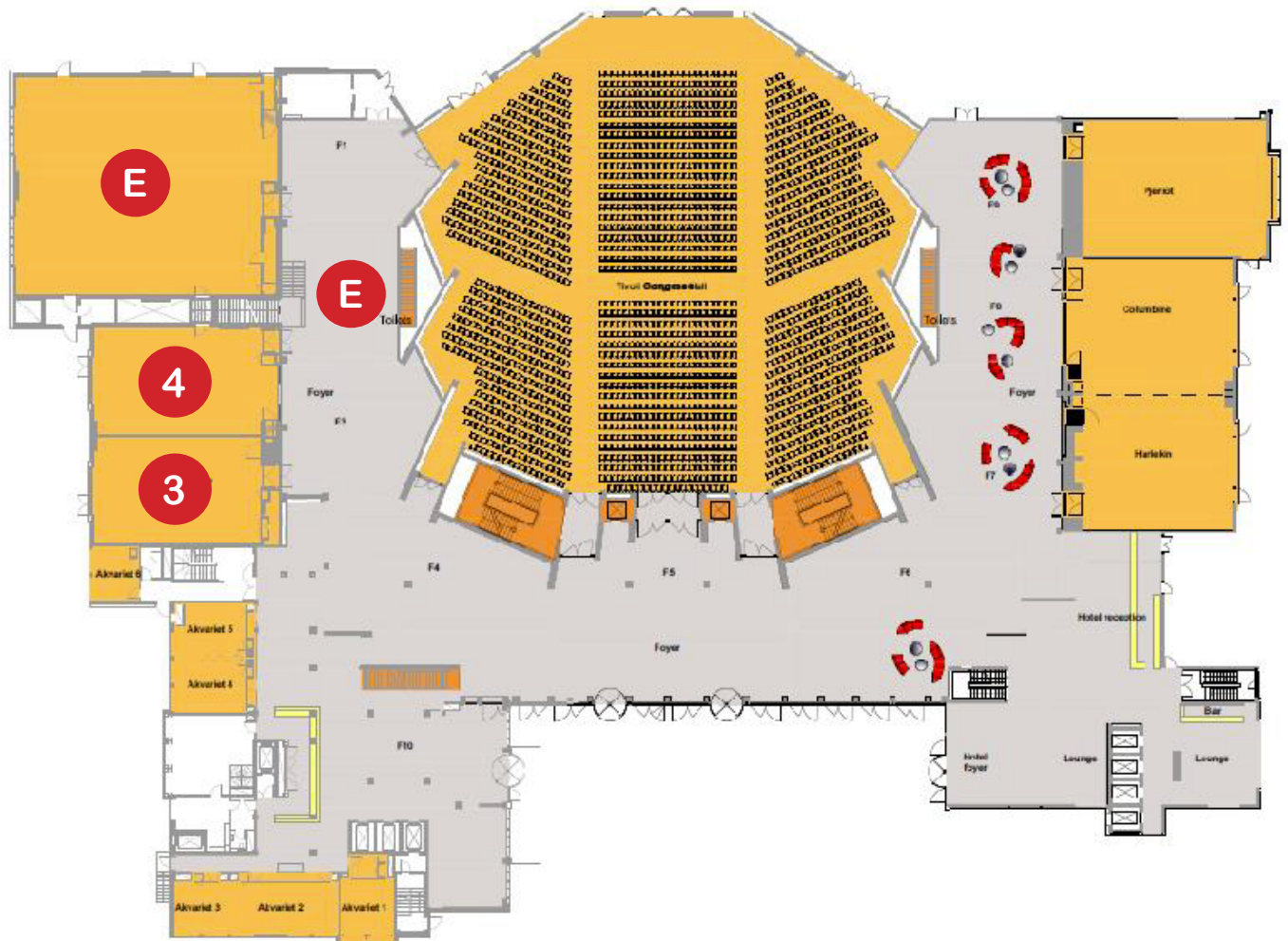
Venue Floor Plans

Lower Floor



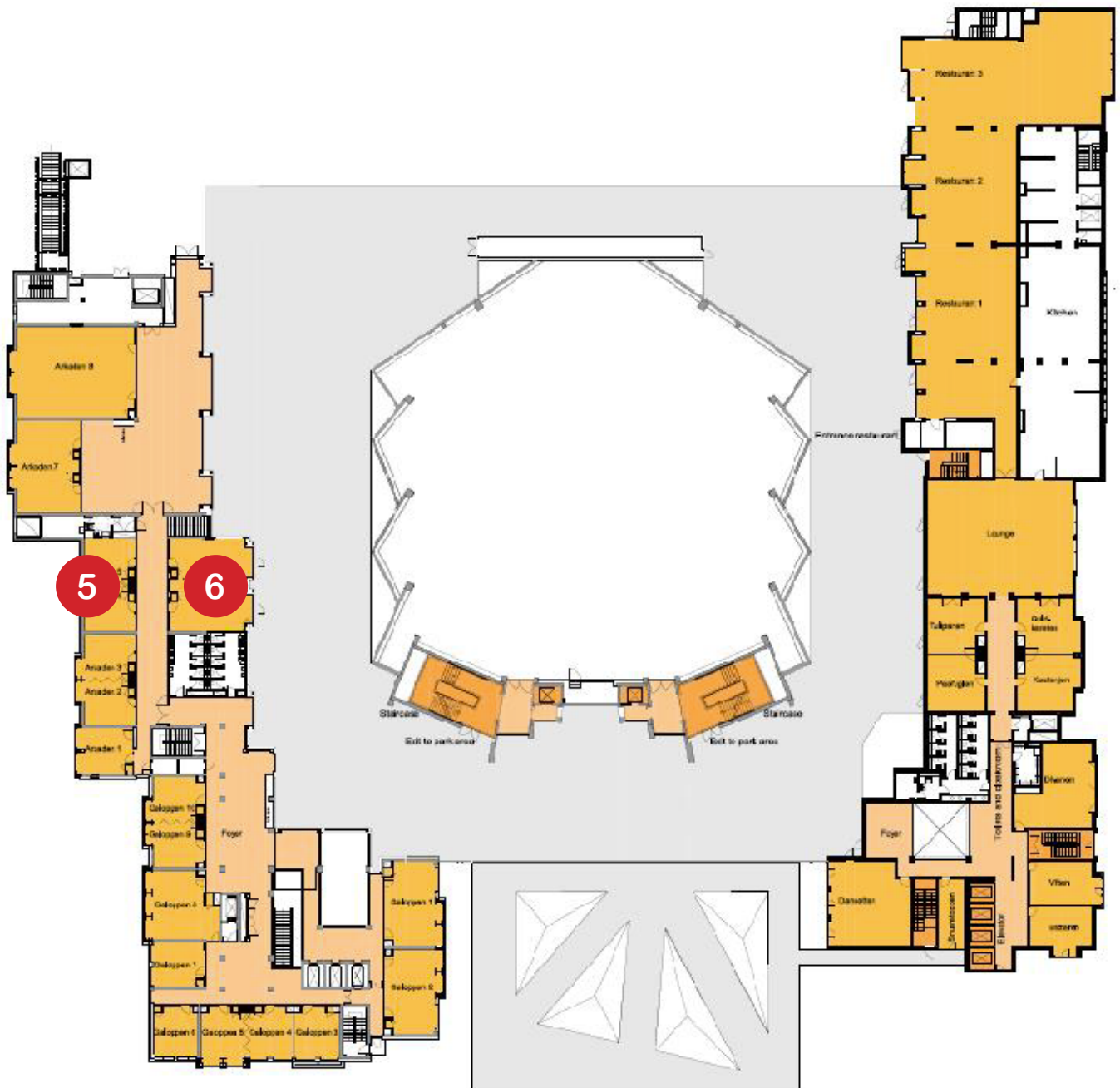
- 1 Plenary room - Carstensen
- 2 Lumbye

Ground Floor



- 3 Blomstersalen
- 4 Ballonsalen
- E Exhibition

Second Floor

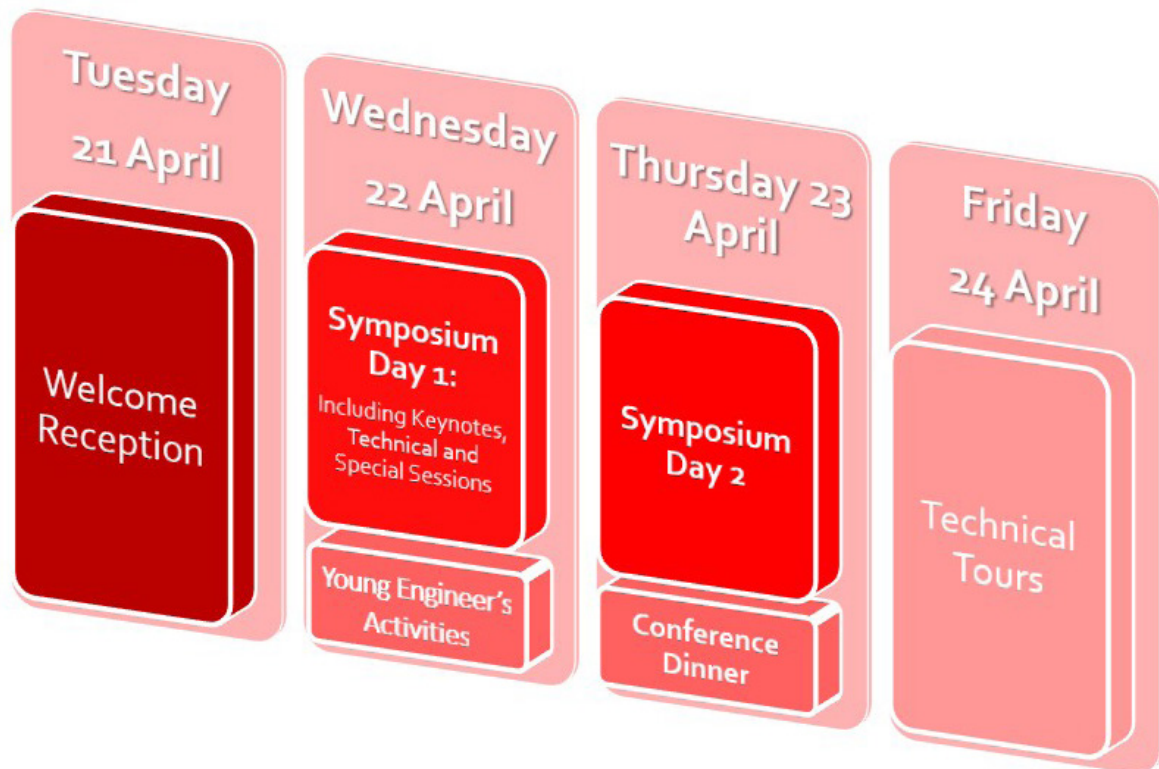


5 Arkaden 4-5

6 Arkaden 6

Programme Overview

General Programme

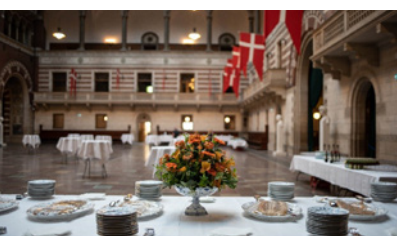
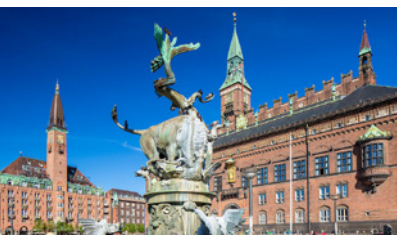


Format of Symposium

We believe that a diverse combination of **young & curious** as well as **ambitious & experienced participants** is the recipe for a successful and interactive conference. Therefore, in addition to traditional keynote speeches and session presentations, **the conference will also feature invited presentations and**

panel discussions. This format aims to foster dynamic interaction between the younger and the experienced participants. Furthermore, a design/scientific competition for engineering students will be organized and special events for young engineers will be held throughout the conference.

Social Programme



Welcome Reception



21 April
18:00 hrs



Rådhuspladsen 1,
1553 Copenhagen



Included in
registration

A welcome reception will be held at **Copenhagen City Hall**. The famous City Hall pancakes, wine and soda will be served.

All symposium participants and accompanying persons who registered for the accompanying programme can join the ceremony.

Please note that transportation to and from the venue is at your own arrangement. You can walk from the Tivoli Hotel and Congress Center to the reception venue. It will take you approximately 20 minutes to walk the distance. Nearest metro station: M3 Rådhuspladsen.



Accompanying Persons Walking Tour



22 April
9:45-12:00



Tivoli Congress
Center



375 DKK
/50 EUR

Walking from Tivoli Congress Center, you will experience the charming street Pistolstræde and the Round Tower, which was built by King Christian IV between 1637 and 1642. The tour will continue to Gråbrødre Torv, an old charming square of Copenhagen with buildings in many colours. The tour also includes a view of Vor Frue Kirke which is the cathedral of Copenhagen. It is situated on Vor Frue Plads next to the main building of the University of Copenhagen. Further on we stop at the imposing Christiansborg, the seat of the Danish Parliament. The tour ends with a visit to "Strøget" – one of Europe's longest pedestrian streets with plenty of possibilities for shopping. Delegates then return on their own to the hotel.



Closing Ceremony



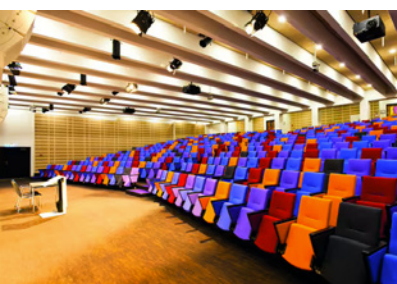
23 April
16:40-17:40



Tivoli Congress
Center



375 DKK
/50 EUR



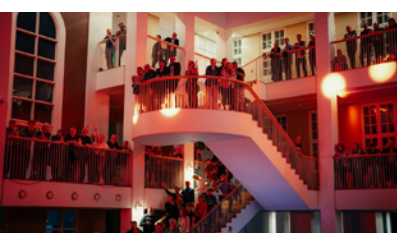
A closing ceremony will be held at **Tivoli Congress Center**.

All symposium participants and accompanying persons who registered for the accompanying programme can join the ceremony.

Best Paper Awards will be announced during the ceremony on Two outstanding contributions presented by Young Engineers at IABSE Symposium. The prizes are awarded by the Jury to those papers, which largely meet the following characteristics:

- Originality: Is the topic a new type of research or structure, or does it build on preceding knowledge?
- Validation: Is the methodology fully substantiated?
- Presentation: How was the content presented and was an open discussion reached?

The prizes are offered by the IABSE Fellows and the Organising Committee.



Conference Dinner



23 April
19:00 hrs



Ny Vestergade 10,
1471 Copenhagen



1300 DKK
/175 EUR

Join us for the conference dinner at the spectacular **National Museum**. Enjoy welcome drinks, a three-course meal with wine and coffee/tea, and complimentary access to one of the museum's exhibitions—an evening to remember!

Please note that registration for this event is required.

The venue is within walking distance from Tivoli Hotel. It takes approx. 20 minutes. Nearest Metro: M3 Rådhuspladsen or Gammel Strand.

Keynote Lectures

Wednesday 22 April, 9:30 - 10:30 Plenary room - Carstensen - lower floor



Philippe Block

Prof. Dr.
Institute of Technology in Architecture
ETH Zürich

Title: Rethinking Concrete Construction: From research to practice

Following the motto “strength through geometry” and the principles of traditional unreinforced masonry construction, this lecture will show how translating the (lost) knowledge of the Gothic master builders into today’s praxis results in truly sustainable, circular and economical structures, addressing climate change by significantly reducing embodied emissions, utilising fewer single-use resources and minimising construction waste.

ETH zürich



Sebastian H. Mernild

Ph.D., Dr. Scient
Prof. in Climate Change & Glaciology
Head of SDU Climate Cluster
D-IAS Chair of Climate Science
Lead Author on IPCC AR6 Climate Report
University of Southern Denmark (SDU)

Title: Impact of Climate Change and Challenges

The climate is changing rapidly. Temperatures continue to rise, and the pace of change is now significantly faster than ever before. We are already seeing clear consequences in the form of rising sea levels, flooding, and other extreme weather events. The question is what will happen if we continue to emit greenhouse gases at the current rate. What will the world look like in just 75 years – in the year 2100 – and what kind of reality will our children and young people wake up to as they approach their own old age? The decisions we make today will largely determine their future options for action. If current trends continue, we risk crossing critical tipping points, including those related to ice sheet loss and rising sea levels, that cannot be reversed. This is why the need for action is more urgent than ever.

SDU
University of
Southern Denmark



Thursday 23 April, 9:00 - 10:00 Plenary room - Carstensen - lower floor



Steve Denton

FREng FICE FIStructE
Managing Director, Civil, WSP
Chairman, CEN/TC 250
Vice President, Royal Academy of Eng.
Visiting Professor, University of Bath

Title: Evolution of the Structural Eurocodes and their contribution to the green transition

All second generation structural Eurocodes will be made available to national standardisation bodies by April 2026, and the first generation Eurocodes will be withdrawn by April 2028 at the latest. The release of the second generation Eurocodes marks the culmination of over a decade of collaborative work by many thousands of experts across Europe. This presentation will provide an overview of the approach taken to develop the second generation Eurocodes, which are expected to be used by over 500 000 engineers, and will highlight some of the key changes. In particular the presentation will set out the steps that have been taken to support the green transition, addressing both carbon reduction and climate change adaptation.



Peter Ditlevsen

Ph D., Dr. Scient
Professor, Niels Bohr Institute, Physics of Ice,
Climate and Earth
University of Copenhagen

Title: What are climate tipping points, can they be predicted, and is the Atlantic current about to collapse?

The concept of climate tipping points and feedbacks will be explained and the risk of tipping of the AMOC will be presented. The Atlantic meridional overturning circulation (AMOC) is a major tipping element in the climate system and a future collapse would have severe impacts on the climate in the North Atlantic region. In recent years weakening in circulation has been reported, but assessments by the Intergovernmental Panel on Climate Change (IPCC), based on the Climate Model Intercomparison Project (CMIP) model simulations suggest that a full collapse is unlikely within the 21st century. Tipping to an undesired state in the climate is, however, a growing concern with increasing greenhouse gas concentrations. Predictions based on observations rely on detecting early-warning signals, primarily an increase in variance (loss of resilience) and increased autocorrelation (critical slowing down), which have recently been reported for the AMOC. Here we provide statistical significance and data-driven estimators for the time of tipping. We estimate a collapse of the AMOC to occur around mid-century under the current scenario of future emissions.



Special Sessions

NJ Gimsing Celebratory Session

Moderator – Tina Vejrum, COWI A/S

Wednesday 22 April, 13:30 - 15:00

Location - Carstensen, Lower Floor

This session pays tribute to the late Professor NJ Gimsing, recognizing his outstanding contributions to bridge engineering as a researcher, teacher, and design engineer.

Panel Discussion - Uncertain Climate Futures – Implications for Structural Safety, Integrity Management and Climate Adaptation.

Moderator – Professor Michael Havbro Faber, NIRAS A/S

Thursday 23 April, 13:00 - 14:30

Location - Carstensen, Lower Floor

Recent advances in climate science point to a future characterized not only by changing mean conditions, but by deep and irreducible uncertainties, including the possibility of abrupt shifts and tipping points. These developments fundamentally challenge the traditional foundations of structural design, safety assessment, and integrity management, which have historically relied on assumptions of climatic stationarity and extrapolation from the past.

This special session aims to bring these challenges into sharp focus for the bridge and structural engineering community, following keynote perspectives from climate scientists Professor Sebastian Mernild and Professor Peter Ditlevsen earlier in the conference. The session will explore how deep climate uncertainty affects engineering decision-making across the full life cycle of structures and infrastructure systems—from design and standardization to operation, maintenance, and adaptation.



Technical Sessions Overview

- Day 1 -

Wednesday 22 April

Morning - Open Session

09:00 - 09:30	Opening ceremony Plenary room - Carstensen (400) - lower floor
09:30 - 10:00	Keynote Speaker 1 - Philippe Block Rethinking Concrete Construction: From research to practice
10:00 - 10:30	Keynote Speaker 2 - Sebastian Mernild Impact of Climate Change and Challenges
10:30 - 11:00	Coffee Break & Exhibition

Wednesday 22 April

Afternoon - Technical Sessions

11:00 - 12:30	Abstracts - Part 1
12:30 - 13:30	Lunch & Exhibition
13:30 - 15:00	Abstracts - Part 2
15:00 - 15:30	Coffee Break & Exhibition
15:30 - 17:00	Abstracts - Part 3
17:00 - 17:30	Bridges 2 Prosperity Plenary room - Carstensen (400) - lower floor
17:30 - 19:00	Young Engineers Session Blomstersalen (120) - ground floor

Wednesday 22 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
11:00-12:30	Suspension and cable stayed bridges	Structural Modelling & Structural Concepts (e)	Circular Construction (a)	Data Driven Technologies (a)	Data Driven Technologies (b)	Structural Modelling & Structural Concepts (a)
Abstract #	Assessment of Main Cables for Suspension Bridges Based on Health Monitoring Data and Finite Element Modeling <i>Chao Deng</i>	Parametric Study on the Curved and Straight Submerged Floating Tunnels under Wave Loads <i>Seungjun Kim</i>	Extending the Life of Existing Steel Bridges through the Evaluation, Assessment, and Reinforcement of Buckling-Prone Elements and Gusset Plates <i>Jorge Perez Armino</i>	Quantitative Evaluation of Bolt Rotation Angle for Automatic Detection of Untightened Bolts in Steel <i>Xinda Zhu</i>	Anomaly Detection of Bridge Girder Displacement Based on Multi-sensor Data Fusion Leveraging Bi-LSTM and CNN <i>Zhuo'er Han</i>	Application Opportunities and Design Guideline for Variable Stiffness Concepts Based on a Dual-layer Beam Model <i>Qinyu Wang</i>
Abstract #	Cable Design of the New Sotra Suspension Bridge <i>Henrik Skyvulstad</i>	Indirect Bridge Deflection Estimation Using Tire-road Contact Point Profiles Measured by a Moving Vehicle <i>Tomonori Nagayama</i>	Navigation Locks in the Netherlands – Lock Chamber Typology and Failure Analysis <i>Johannes Jan van Sloten</i>	Using Point Cloud Data to Verify Accuracy and Applicability in As-built Inspection for Constructed Rail Facilities <i>Nozomi Shizukuishi</i>	A Geometric Similarity and Regional Feature Fusion-based Approach for Bridge Substructures Defects Identification Via Underwater Sonar Point Cloud Data <i>Yanjie Zhu</i>	The New Houston Ship Channel Bridge <i>Doug Provost</i>
Abstract #	Design of New Dampers for the Longest Hangers of the Great Belt Suspension Bridge <i>Martin N. Svendsen</i>	Optimized Design of a Reinforced Concrete 6-pile Pile Cap using Finite Element Limit Analysis <i>Mads Emil Møller Andersen</i>	Consideration of Introducing Tied-Arch Ribs for Reinforcement and Cable Replacement of Existing Cable-Stayed Bridges <i>Tazio Hijikata</i>	Acoustic-Vibration Coupling Analysis of Bridge Structure Based on Physics-informed Neural Operator <i>Hualun Zhou</i>	Research on the Force Behavior of Strand Breakage and Life Evaluation of Stay Cables Based on Time-varying Cable Forces <i>Chao Deng</i>	Bonded-in Rods: Influence of Bondline Recess on Structural Performance <i>Stefan Ulstrup Alrik</i>
Abstract #	The Role of Physical Models in the Validation and Calibration of Numerical Models - The Example of the Lillebælt Bridge <i>Paula Wunderlich</i>	Optimization of Frame Corners and T-joints Using Finite Element Limit Analysis <i>Mads Andersen</i>	Condition-Based Assessment Framework for Structural Component Reuse in Circular Construction <i>Maximilian Klammer</i>	Intelligent Prediction of Corrosion-fatigue Life for Long-span Bridge Cables: An Integrated Knowledge-based and Data-driven Modeling Approach <i>Tao Huang</i>	Automatic Measurement Method of Suspender Rotation Angle for Suspension Bridges using Digital Image Edge Detection <i>Wenzhe Zhong</i>	Analysis of Joints between Segments of Post-tensioned Beams Using FBG sensors <i>Jakub Kralovanec</i>
Abstract #	Design and Construction of the Mahalaxmi Cable-Stayed Rail Overbridge, Mumbai – India's Long Span ROB <i>Nirav Vinod Mody</i>	New Modular System for Construction of Half-Through Railway Bridges <i>Dawid Wisniewski</i>	Void Thickness Estimation inside Concrete by Spectral Centroid of Portable GPR Signals <i>Ryohei Kiyoshi</i>	Bridge Expansion Joint Disease Detection and Influence Analysis Based on Multi-technology Fusion <i>Shulin Sun</i>	Monitoring of Railway Bridges in the Open Digital Test Field of the German Centre for Rail Traffic Research <i>Andrei Firus</i>	Load and Deformation Capacity Assessment of Reinforced Concrete Walls using Optimization-Based Finite Element Analysis <i>Daniel Rudmose Vestergaard</i>
Abstract #	Two Suspension Footbridges from the 19th Century in Paris and Cairo, History and Current Structural Conditions <i>Pierre-Yves Ollivier</i>	Nye Nerlandsøy Bridge: Integrated BIM-modelling and Structural Design <i>Arne Øyvind Kolstrøm, Rahel Wasta</i>		A Vision Transformer Framework for Seismic Damage Prediction of RC Bridge Piers <i>Yalin Li</i>	Indoor Structural Defect Inspection Using Machine Learning-Enabled Augmented Reality Tools for Portable Devices <i>Chia-Ming Chang</i>	Experimental Investigation of the Bending Strength of Reclaimed Timber Trusses <i>Steen Nedergaard Lillebro Hansen</i>
12:30-13:30	Lunch & Exhibition					

Wednesday 22 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
13:30-15:00	Celebratory session for Prof. Niels J. Gimsing	Structural Modelling & Structural Concepts (b)	Circular Construction (b)	WTS	Data Driven Technologies (c)	Structural Modelling & Structural Concepts (c)
Abstract #		Analytical Impact Evaluation of Corrosion Patterns Under Sleepers on the Remaining Strength of Steel Plate Girders <i>Naoyuki Asao</i>	Innovative Integration of Clay in Prefabricated Concrete Elements: A decarbonized Approach to Industrialized Modular Construction <i>Monica Christiansen</i>	Design of L-flange Bolted Connection for Offshore Wind Monopile Foundation Considering Imperfection <i>Ömer Can Kücüküydiz</i>	Digital Twin for Fatigue Analysis of a Highway Bridge: An Approach Based on Linked Data / RDF <i>Matteo Depoli</i>	A Design Method for the Shear Behaviour of Skew Concrete Slabs <i>Alessandro Lipari</i>
Abstract #		Finite Element Modelling of Structural Concrete Over Multiple Length Scales <i>Ananth Ramaswamy</i>	Experimental Research on Flexural Behavior of Prestressed Beams with Recycled Concretes Aggregates <i>Laura Kerner</i>	Development of Gravity Base Foundations for Offshore Wind Turbines <i>Jørgen Bang</i>	Vision-based Method for Detecting Missing and Loosened Bolts in Cable Clamps <i>Zhuoer Han</i>	Design of the Olympic Rings on the Eiffel Tower for the Paris 2024 Olympics <i>Helene Huang, Arnaud Vernier</i>
Abstract #		Digital Configuration of a Monocoque Structure with Bamboo (Guadua) Laminates <i>Fabián Sánchez</i>	Reconstruction of Randklev Bridge: From Collapse to Reuse and Renewal <i>Martin Fines, Hans Andre Mangen Håkonsen</i>	Validation of Two-Stage-Model with Experimental Studies <i>Ali Sorkun</i>	Advanced Monitoring and Data Analysis for Understanding Degradation in Reinforced Concrete Structures <i>Fritz Binder</i>	Experimental investigation on the influence of parameters on combined in-plane and out-of-plane shear capacity of non-shear reinforced concrete members <i>Jens Skovgaard Larsen</i>
Abstract #		A Design Method Considering Both Component and Structural Levels for CFRP Cable-Stayed Bridges <i>Qingyu Wang</i>	Structural Reuse of a Precast Shear Wall Incorporated in a New RC Shear Wall Design <i>Jesper Harrild Sørensen</i>	Fatigue Damage of Secondary Steel Members During Pile Driving – A Case Study <i>Michele Orlando</i>	Time-Dependent Seismic Fragility Analysis of Bridges Considering Chloride Corrosion Based on Machine Learning <i>Xuejian Zhang</i>	The application of the incremental launching method in LT bridge construction <i>Franz Untermaier</i>
Abstract #		Experimental and Numerical Studies on Behavior of Single-box Multi-cell Box-girders with Corrugated Steel Webs under Pure Torsion <i>Shu-li Li</i>	Development of a Frictional Joint Using Countersunk High-Strength Bolts for Civil Engineering Structures <i>Masayori Yoshimi</i>	Impact of Climate Change on Corrosion of Offshore Wind Turbines <i>Ali Khodam</i>	The Future of Structural Health Monitoring: Leveraging Satellite Technology for Bridge Maintenance <i>Ronur Krishnappa Jaigopal</i>	Reconstruction after Alex storm in the Roya valley: the new steel-concrete composite bridge decks <i>Riccardo Zanon</i>
Abstract #		Enhancing Connectivity and Urban Integration: The Evolution of the Mühlendamm Bridge <i>Eyad Aljouharji, John Adamek</i>	Hangar Bridge: The World's First Aluminium Network Arch Bridge <i>Thomas Reed, Geir Mosaker</i>		Acoustic Emission Source Location in RC Beams at Locations Away from Sensor Plane Using ΔT Mapping <i>Muhammad Usman Hanif</i>	Calculation Method and Numerical Analysis of the Uphill Direction Lateral Response of a Bridge Foundation near the Slope Toe <i>Lei Xia</i>
15:00-15:30	Coffee Break & Exhibition					

Wednesday 22 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
15:30-17:00	Structural Modelling & Structural Concepts (d)	ASR	Circular Construction (c)	Codes and Standards (a)	Data Driven Technologies (d)	
Abstract #	Performance and Assessment of Reinforced Concrete Members with Cold Joints <i>Brandon Li</i>	Adapting the Crack Width Summation Method for Estimating ASR-Induced Prestressing in Slab Bridges Without Shear Reinforcement <i>Joakim Bonde Mørk</i>	Exploring opportunities for reusing steel in the design and construction of bridges <i>Hazel Needham</i>	Development of specific damage equivalence factors for fatigue assessment of railway bridges in Europe <i>Gianluca Bianchi</i>	Data-Driven Calibration of Analytical Concrete Creep Models Considering Preloading Effects Using Gaussian Processes <i>Leonie Heller</i>	
Abstract #	The Composite Girder of UHPFRC pc-slab and Steel Girders as the Thin Bridge <i>Shinsuke Suematsu</i>	Comparative Diagnosis of Concrete Structures Affected by AAR or DEF: Common Methodologies and Specificities <i>Pierre Morenon</i>	The Mührendamm Bridge – Sustainability and Preservation in Bridge Engineering <i>John Adamek, Sofia Moissiadis</i>	Vale's Normative Standards (PNRs) in the structural design: a comparison with Brazilian and European standards <i>Débora Coelho Cordeiro Pinheiro</i>	Quantifying Recyclable Scrap from Structures using LiDAR and Machine Learning <i>Brandon Perry</i>	
Abstract #	Coupon Tests of Wire Arc Additively Manufactured Austenitic Stainless Steel in Fire <i>Yancheng Cai</i>	Laboratory and Field Expansion of Concrete Mixes Affected by Internal Swelling Reactions: a French Contribution <i>Renaud-Pierre Martin</i>	Decision-value analysis of risk mitigation strategies for bridges subjected to extreme flooding events <i>Sergio Castro-Giraldo</i>	Professional Liability Risks Arising from Engineering Using Advanced Technologies and Structural Innovation <i>Joshua Kardon</i>	Probabilistic Assessment of Traffic Load Demand and Fatigue for a Case-Study Bridge using Long-Term Strain-Gauge Monitoring <i>Filippo Molaioni</i>	
Abstract #	Bioceanic Bridge, a New Link between Paraguay and Brazil Crossing over River Paraguay <i>Ysabel Guil Celada</i>	Condition Assessment and Structural Implications of AAR in Affected Structures: Challenges and Research Needs <i>Leandro F M Sanchez</i>	Extension of the service lifespan of a 50-year-old concrete bridge located in a high seismic hazard region and exposed to scouring risks in Costa Rica <i>Jose Luis Sanchez Jimenez</i>	Fatigue Performance of Corroded 7-Wire Galvanized Steel Strands: Influence of Corroded Appearance and Structural Configuration <i>Marina Nakamura</i>	Aerodynamic Pressure Measurements and Dynamic Displacement Estimation in Bridge Decks <i>Luis Federico Navarro Vilchez</i>	
Abstract #	Ponte Ferreira, a New Bridge over River Douro in Porto <i>Ysabel Guil Celada</i>	Norwegian Concrete Bridges Affected by ASR: Typical Signs of Damage and Structural Assessment Strategy <i>Terje Kanstad</i>	Condition assessment and deconstructability of concrete beam bridges in Flanders: a step towards circular construction <i>Hans De Backer</i>	Availability assessment as a tool in design and operation towards sustainable infrastructure assets <i>Andrew Martin</i>	Continuous monitoring using DFOS: A technological breakthrough in the structural health monitoring of bridges <i>Aurélien Croze</i>	
Abstract #	Experimental and Theoretical Evaluation of Axial Forces in Short Steel Ropes <i>Michal Venglar</i>	Shear Capacity of concrete beams affected by ASR <i>Katrine Murer Stermland</i>	Bridges NDT - Outcomes of National Highways' "Structures Moonshot" (Phase 2) and Next Steps <i>Tim Henson</i>			
17.00-17:30	Bridges 2 Prosperity					
17.30-19:00			Young Engineers Session Pecha Kucha Presentations			

Technical Sessions Overview

- Day 2 -

Thursday 23 April

Morning - Open Session

08:00 - 09:00	Gold Sponsor Session Hebei Baoli Engineering Equipment Blomstersalen (120) - ground floor
09:00 - 09:30	Keynote Speaker 3 - Steve Denton Evolution of the Structural Eurocodes and their contribution to the green transition
09:30 - 10:00	Keynote Speaker 4 - Peter Ditlevsen What are climate tipping points, can they be predicted, and is the Atlantic current about to collapse?
10:00 - 10:30	Coffee Break & Exhibition

Thursday 23 April

Afternoon - Technical Sessions

10:30 - 12:00	Abstracts - Part 1
12:00 - 13:00	Lunch & Exhibition
13:00 - 14:30	Abstracts - Part 2
14:30 - 15:00	Coffee Break & Exhibition
15:00 - 16:30	Abstracts - Part 3
16:40 - 17:40	Closing Ceremony Plenary room - Carstensen (400) - lower floor
19:00 - 23:00	Conference Dinner National Museum - Ny Vestergade 10, Copenhagen

Thursday 23 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
10:30-12:00	Conceptual design (a)	Structural Modelling & Structural Concepts (g)	Material Technology (a)	Foundations and SSI	Data Driven Technologies (e)	Fatigue assessment
Abstract #	Design, Optimization and Installation of a Network Arch Over the River Pärnu in Estonia <i>Paul Herrmann , Dmitri Gorbatjuk</i>	Integrating Non-Destructive Testing and Numerical Model Calibration in the Structural Assessment of São Pedro de Rates Church <i>Martins Petersons</i>	Recommendations for Stay Cable Systems and Technology for Footbridges <i>Máté Opoldusz</i>	A Rapid Method for Analyzing Seismic Damage of Pile Group Foundations Based on Hilbert-Huang Transform <i>Yijiang Wan</i>	Digital Twin-Based Smart Monitoring of Jacket-Type Offshore Wind Towers: Integrating Finite Element Analysis, Artificial Intelligence, and Physics Engine Software <i>Kiwon Jeong</i>	Research on Stress Response and Fatigue Life Assessment of Suspenders under Coupled Tension-bending-torsion Loading Based on Finite Element Modeling <i>Jintao Li</i>
Abstract #	Comparison of Experimental, Numerical and Analytical Approaches for Skewed Reinforced Concrete Slab Bridges <i>Alessandro Lipari, Eva Lantsoght</i>	Non-Uniform Influence of Second-Order Effects on Moments, Shears, and Displacements in Frame Structures <i>Xin Zhao</i>	Designing a Sustainable Bridge Deck by Using Basalt Fibre Reinforced Polymer <i>Daan Coppus</i>	Selection and determination of the novel 8-shaped diaphragm wall anchor foundation scheme <i>Xueying Yang</i>	VSL VibraTrack: A Novel Approach to Stay Cable Monitoring <i>Fatma Ayancik</i>	Fatigue Damage Analysis of Prestressed Concrete Void Slab Bridges <i>Zhao Liu</i>
Abstract #	Multi-Objective Optimization Design of Coastal PCS Box Girder Bridges Based on Genetic Algorithm <i>Quan Fang</i>	Member Sizing Optimization of large-span Steel Structures Driven by Design Redundancy <i>Xin Shao</i>	Electrically Isolated Tendon: Feedback on a Measurement Campaign on a Full-scale Mock up <i>Antoine Carry</i>	Probabilistic Life-cycle Fragility Assessment of Bridge Pile Foundations Subjected to Scour Considering Hydrological Uncertainty <i>Yanjie Zhu</i>	Deep Learning-Based Detection of Micro-Scale Vortex-Induced Vibrations in Bridges <i>Ho-Kyung Kim</i>	Fatigue Behaviour of Optimised Gusset Plate Connection between Arch and Hangers in Tied-arch Bridges <i>Miguel Candeias</i>
Abstract #	Study on the Design Methodology for the Anchorage of Precast Wall Balustrade on Steel Bridge Decks <i>Nobunao Tanaka</i>	Design-oriented Elastoplastic Analysis of Solid Reinforced Concrete Structures Using Convex Optimisation <i>Jeff Larsen</i>	Structural Capacities of Gyopolymer Concrete Beam Reinforced with FRP Rods <i>Masakazu Terai</i>	Topology and Quantity Optimization – Comparison of a Large Diameter Double-cell and a Rectangular Diaphragm Wall Shaft for a Bridge Anchor Block <i>Thomas Kasper</i>	Structural Health Monitoring of Critical Details in Bridges Using Crack Detection Sensors <i>Jeroen Van Wittenberghe</i>	Fatigue Verification and Optimisation of the Strait of Messina Orthotropic Bridge Deck <i>Michael Mettraux</i>
Abstract #	Digital Workflow for Balanced Cantilevered Bridge Design and Modelling <i>Audun Mathias Øvstebø Fossdal, Petter Kay Steinbo</i>	Structural System Selection and Optimization for Over-track Residential Buildings in Metro Depots based on Embodied Carbon Data <i>Xin Zhao</i>	Immediate Decarbonization of Steel <i>Martin Gagne</i>		Enhancing Bridge Inspection Decision-Making with Data Federation and Digital Twins: A Case Study of the Structures Moonshot Project <i>Tomothy Douglas Henson</i>	Ductile Fracture Initiation Behavior at the Bottom of Weld Access Hole at the Beam-end Connections under Ultra Low Cycle Fatigue <i>Masato Nikaido</i>
Abstract #	Conceptual Design of Bridges Suitable for Rurally Isolated Areas <i>Peter Johan Ryno Stanek Sörner, Lisa Ryrstedt</i>	Construction Considerations Influencing the Detailed Design of an Incrementally Launched, Extradosed Stay Cable Concrete Box Girder Bridge <i>Phillip Augusto Bettencourt</i>				The Impact of Fatigue Load Model Selection on the Service Life and Sustainability of Steel Bridge Decks <i>Simon Rem Bjærre</i>
12:00-13:00	Lunch & Exhibition					

Thursday 23 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
13:00-14:30	Uncertain Climate Futures – Implications for Structural Safety, Integrity Management and Climate Adaptation	Structural Modelling & Structural Concepts (h)	Material Technology (c)	Automation and Robot Technologies (a)	Data Driven Technologies (f)	Structural Dynamics
Abstract #	Panel Discussion	Kepax Bridge: Climate Resilience and Context Appropriate Design <i>Erza Groskin, James Hartland</i>	Engineering Structures and Sustainability in Greenland <i>Egil Borchersen</i>	Modernizing Bridge Inspections with Virtual Reality and UAV-Based 3D Models <i>Mark Bueno</i>	AI-based Debris Detection for Resilient Bridge Monitoring in Flood-prone Areas <i>Karina Buka-Vaivade</i>	Dynamic Response of Shallow Long-span Hyperbolic Paraboloid (HP) Shell-like Concrete Beams: Comparing Experimental Modal Analysis (EMA) with Numerical Finite Element Analysis (FEA) <i>Alexander Sehlström</i>
Abstract #		Numerical Modelling on Tensile Behavior of UHPC joint in Steel-UHPC Composite Bridge Decks <i>Zhanchong Shi</i>	Experimental Study on Timber-Stiffened I-Girder Steel Sections <i>Yukari Aoke</i>	Robotic Assembly of 3D-Printed Custom Bricks for Curved Masonry Structures: A Case Study <i>Qinyu Wang</i>	AI-Augmented Design of Modular Bridges <i>Sophia Victoria Kuhn</i>	Developing Robust and Reusable Crash Beams in Impact Scenarios: Performance Based Design through Explicit Dynamic Simulation <i>Samantha Wu</i>
Abstract #		Design and Construction of a Sharp-Curved Cable-Stayed Bridge on the Santa Cruz – Chembur Link Road, Mumbai – An Engineering Challenge <i>Nirav Vinod Mody</i>	Experimental Investigation of Vibration-prone Timber Pedestrian Bridges <i>Lara Bittner</i>	A SWOT Framework for Concrete 3D Printing Applications <i>Sander Franciscus Wilhelmus Leusink</i>	Practical and Affordable Structural Health Monitoring of High-Rise Building Using Smartphones <i>Rasmus Bredvig Obel</i>	Assessing the Amplified Dynamic Response of Long-span Bridges under Simultaneous Wind and Traffic Loads <i>Gledson Tondo</i>
Abstract #		Proactive Risk Assessment for Vibration-Induced Failures in Cable-Stayed Bridges <i>Hirofumi Yanagi</i>	New Corrosion Resistant Steel for Steel Bridge and its Life Cycle Cost Analysis <i>Kiyonobu Sugae</i>	A Holistic Approach for Parametric Models and Associated Design Workflow for Large-scale Infrastructure Projects Like MTHL (Mumbai Trans Harbour Link) <i>Ajin Baby</i>	Monitoring Deflection and Stiffness in Historic Timber Beams Using Fiber Optic Sensors <i>Ignacio Paya Zaforteza</i>	Parameter Optimization of Distributed Tuned Mass Dampers for Tall Building Structures under Wind Excitation <i>Xin Zhao</i>
Abstract #		Truss-Based Topology Optimization of Reinforced Concrete Beams: A Practical Case Study <i>Iyad Ahmed</i>	Laboratory Models of Integral Abutment Bridge Backfill Made with Tire Buffing-sand Mixtures <i>Yuri D J Costa</i>	Technical Assessment of Existing Bridge over Main Road I-6, Bulgaria <i>Vasil Tsankov Nikolov</i>	AI in Construction Management: Preparedness and Potential <i>Mohammed Rauf, Hai Ha Wu</i>	Vibration Monitoring on a Large Structure, either Bridge or Museum <i>John Morgan Nichols</i>
Abstract #		Directional Fatigue Verification of Wind Turbine Towers - Potential on the Load and Resistance Part <i>Frank Kemper</i>		Reduction of Variability in Visual Inspection Results Using Virtual Reality <i>Mark Bueno</i>		
14:30-15:00	Coffee Break & Exhibition					

Thursday 23 April

Afternoon - Technical Sessions

ROOM	Plenary room - Carstensen (400) - lower floor	Lumbye (200) lower floor	Blomstersalen (120) ground floor	Ballonsalen (120) ground floor	Arkaden 4-5 (48) 2nd floor	Arkaden 6 (80) 2nd floor
15:00-16:30	Conceptual design (b)	Structural Modelling & Structural Concepts (i)	Material Technology (b)		Data Driven Technologies (g)	Forensic engineering and earthquake
Abstract #	The Færder Bridge Concept Design <i>Jesper Pihl</i>	Plastic Analysis for Estimating Probability of Failure changes with Frequency Decay <i>John Morgan Nichols</i>	Molecular Dynamics Study on Marine Erosion Behavior of Geopolymer Coatings under Multi-ion Coupling Effects <i>Biao Jiang</i>		Image-Based Monitoring of Transport Infrastructures: Methods, Challenges and Applications <i>Marco Domaneschi</i>	A Greedy Strategy-based Method for Enhancing Multidimensional Seismic Resilience of Highway Bridge Networks - <i>Mingming Jia</i>
Abstract #	Bremerhaven Great Swing Bridge - AI-Driven Optimization <i>Cassiele Birck, Martin Nymann Svendsen</i>	Rehabilitation of Bridge Bearings on the Great Belt Link – Structural Aspects <i>Finn Raun Gottfredsen</i>	Optimization of Notch Connection for Timber-Concrete Beams by Nonlinear Modelling and Full-Scale Testing <i>Alexandru Chira</i>		Expansion Joints and Bearings as Smart Monitoring Devices <i>Deniz Kerner</i>	Elasto-Plastic Seismic Response Analysis of High-Rise Buildings in Consideration of Fluctuating Axial Force on Concrete-Filled Tubular Columns - <i>Tatsuya Hiraki</i>
Abstract #	Parametric Bridge Design and Automation for Large-Scale Infrastructure Projects <i>Nikola Dusan Rajic</i>	Design of a Tilttable Strong-wall Structure for Testing of Very Long Wind Turbine Blades <i>Javier Llarena</i>	Modelling and Data-Driven Parameter Identification of a Material Law for Load-Bearing Straw Bales under Vertical Compression <i>Christopher Taube</i>		Automated Defect Monitoring in the Highway Tunnel using derived surface features from 3D Point Cloud Data obtained from On-Vehicle LiDAR System <i>Abhishek Regmi</i>	Incorporating Numerical Modeling in a Framework for Seismic Vulnerability Assessment of Reinforced Concrete Bridges <i>Eva Lantsoght</i>
Abstract #	Large Bridge Optimisation <i>Torben Forsberg</i>	The Analytical Modelling of Four Cable-Stayed Steel and Steel-Composite Pedestrian Bridges Recently Constructed in Australia <i>Gerhardus Mattheus du Plessis</i>	Effect Assessment of Climate Requirements for Concrete - a Swedish Case Study <i>Nilla Olsson</i>		Channel Monitoring Systems – A New Paradigm for Vessel Collision Risk Management <i>Matt Carter</i>	Computer Aided Disasters? How to Build Trust in Numerical Models <i>Jörg-Martin Hohberg</i>
Abstract #		Optimizing sample size for concrete strength and uncertainty propagation <i>Vittorio Palma</i>	The LTC Footbridge Competition: Designing the “Lowest-carbon Bridge in the World” <i>Ezra Groskin, Ben Curry</i>		Predictive Maintenance of Cable Supported Bridges: Integrating Damage Evolution, Cost Analysis, and Data-Driven Decision Support <i>Lorenzo Casasso</i>	Evaluating the Influence of Openings in Blast Dynamics: Response to TNT and Gas Explosions <i>Satvik Pratap Singh</i>
Abstract #		Programmable Polyhedral Origami Structures Actuated by Shape Memory Polymer Hinges <i>Zerui Shao</i>	Balingen and Baiersbronn: Two Approaches to Timber Bridge Design <i>Ezra Groskin, Dominik Niewerth</i>			Pier Failure of a Bridge along the Sofia Ring Road, Bulgaria and Possible Opportunities for Refurbishment - <i>Alexander Konstantinov Jiponov</i>
16:30-16:40	Break					
16:40-17:40	Closing Ceremony					
19:00-23:00	Conference dinner					

Sessions Chairs

Wednesday 22 April

09:00-09:30	Keynote Speaker 1 - Philippe Block Chair: Klaus Ostenfeld					
09:00-09:30	Keynote Speaker 2 - Sebastian Mernild Chair: Klaus Ostenfeld					
10:00 -	Coffee Break & Exhibition					
11:00-12:30	Suspension and Cable Stayed Bridges Chair: Martin N. Svendsen	Structural Modelling & Struct. Concepts (e) Chair: Uffe Graaskov Ravn	Circular Construction (a) Chair: Jorge Perez Armino	Data Driven Technologies (a) Chair: Alexander Jiponov	Data Driven Technologies (b) Chair: Jesper Harrild Sørensen	Structural Modelling & Struct. Concepts (a) Chair: Kasper Paaske Larsen
12:00-13:00	Lunch & Exhibition					
13:30-15:00	Celebratory Session Moderator: Tina Vejrum	Structural Modelling & Struct. Concepts (b) Chair: Lars Fuhr Pedersen	Circular Construction (b) Chair: Tim Gudmand-Høyer	WTS Chairs: Markus Knobloch and Marion Rauch	Data Driven Technologies (c) Chair: Daniel Rudmose Vestergaard	Structural Modelling & Struct. Concepts (c) Chair: Henrik Brøner Jørgensen
14:30-15:00	Coffee Break & Exhibition					
15:30-17:00	Structural Modelling & Struct. Concepts (d) Chair: Thomas Löhning	ASR Chair: Søren Gustenhoff Hansen	Circular Construction (c) Chair: Maria Grazia Bruschi	Codes and Standards (a) Chair: Marion Rauch	Data Driven Technologies (d) Chair: Niels Peter Høj	

Thursday 23 April

09:00-09:30	Keynote Speaker 3 - Steve Denton Chair: Klaus Ostenfeld					
09:00-09:30	Keynote Speaker 4 - Peter Ditlevsen Chair: Klaus Ostenfeld					
10:00 -	Coffee Break & Exhibition					
10:30-12:00	Conceptual Design (a) Chair: Daniel Rudmose Vestergaard	Structural Modelling & Struct. Concepts (g) Chair: Linh Hoang	Material Technology (a) Chair: Andrew Martin	Foundations and SSI Chair: Jörg-Martin Hohberg	Data Driven Technologies (e) Chair: Ronur Krishnappa Jaigopal	Fatigue Assessment Chair: Matthew Hourigan
12:00-13:00	Lunch & Exhibition					
13:00-14:30	Panel Discussion Moderator: Michael Havbro Faber	Structural Modelling & Struct. Concepts (h) Chair: Thomas Löhning	Material Technology (c) Chair: Mads Emil Møller Andersen	Automation and Robot Tech. (a) Chair: Jon Spangenberg	Data Driven Technologies (f) Chair: Walter Kaufmann	Structural Dynamics Chair: Christos Georgakis
14:30-15:00	Coffee Break & Exhibition					
15:00-16:30	Conceptual Design (b) Chair: Torben Forsberg	Structural Modelling & Struct. Concepts (i) Chair: Jesper Harrild Sørensen	Material Technology (b) Chair: Daia Zwicky		Data Driven Technologies (g) Chair: Giuseppe Abbiati	Forensic Eng. and Earthquake Chair: Jörg-Martin Hohberg

Young Engineers Activities

Wednesday 22 April

17:30 - 19:00

Young Engineer's Session: Pecha Kucha Presentations

Location: Tivoli Congress Center, at Blomstersalen

A number of Young Engineers (under 35) who have submitted papers were invited by the Scientific Committee (SC) to prepare an additional six-slide presentation summarizing their work. Each slide will be shown for 20 seconds before automatically moving on to the next – the Master of Ceremony will announce time to move between presenters. The format is fast-paced and visually driven, with minimal text on slides to force presenters to be concise and focused, encouraging them to tell a story with images rather than read from a script. This fast-paced overview of all YE topics will spark the conversations at the following social event.



19:00 - 20:00

Networking Walk & Social Gathering

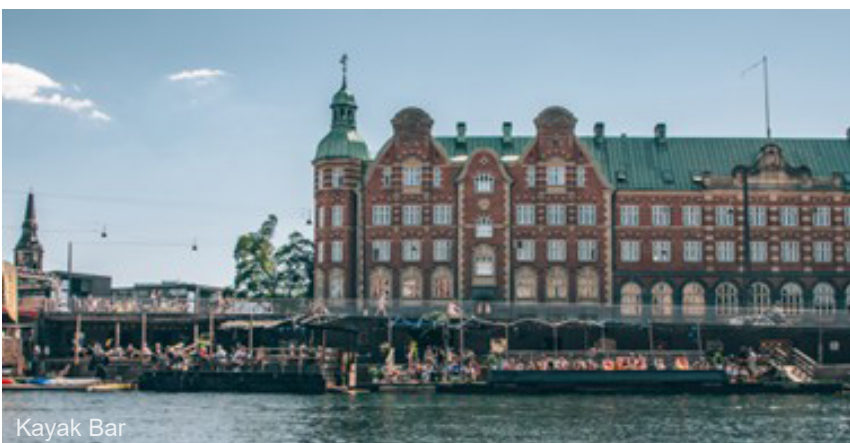
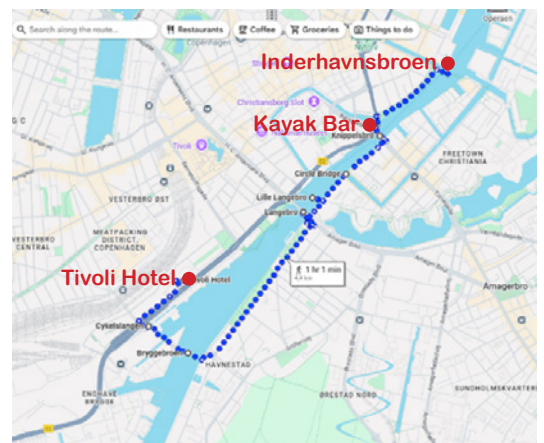
Following the presentations, participants are invited for a walk (approx. 45–60 minutes) along the canal from the Tivoli Congress Center to the Kissing Bridge, to continue networking in a relaxed outdoor setting. The YE committee will prepare fun and interesting facts about the bridges and structures we see and pass. Depending on the number of attendees, we'll split into smaller groups. Please note that registration for this event is required.



20:00 - 22:00

Kayak Bar

Social event (with free drinks)
Address: Børskaj 12, 1221 Indre By



Technical Tours

Femarn Tunnel Site Visit



4970 Rødby



24 April



500 DKK / 67 EUR

The Femern tunnel is a 18 km long immersed tunnel and is the worlds longest. This site visit will give you a chance to learn more about the construction of the Fehmarnbelt Tunnel, which will be a fixed link between Denmark and Germany.

Program

9:00	•	Departure from Tivoli Congress Hotel
11:15 – 12:00	•	Guided tour in the Exhibition Center Femern, incl. film etc.
12:15 – 13:15	•	Guided tour in the area, incl. a walking tour to the viewpoint "The Arrow".
13:15 – 14:15	•	Lunch
14:15	•	Return to Copenhagen, Tivoli Congress Hotel
16:30	•	Arrival at Tivoli Congress Hotel

New Storstrøm Bridge Site Visit



4760 Vordingborg



24 April



500 DKK / 67 EUR

The new Storstrøm Bridge is a 4 km sea crossing, carrying both rail and road traffic on a combined bridge deck. It will be open for road traffic in 2026, while installation of the catenary system for the rail line will still be underway.

Program

- | | | |
|---------------|---|---|
| 9:00 | • | Departure from Tivoli Congress Hotel |
| 10:15 – 11:15 | • | Technical presentation at the Visitor Center New Storstrøm Bridge |
| 11:15 – 11:45 | • | Exhibition in the visitor center |
| 11:45 – 13:30 | • | Walk across the new Bridge |
| 13:30 – 14:30 | • | Lunch and visit to the old fort |
| 14:30 – 15:45 | • | Return to Copenhagen, Tivoli Congress Hotel |
| 16:00 | • | Arrival at Tivoli Congress Hotel |

Nordhavns Tunnel Visit



2100 København



24 April



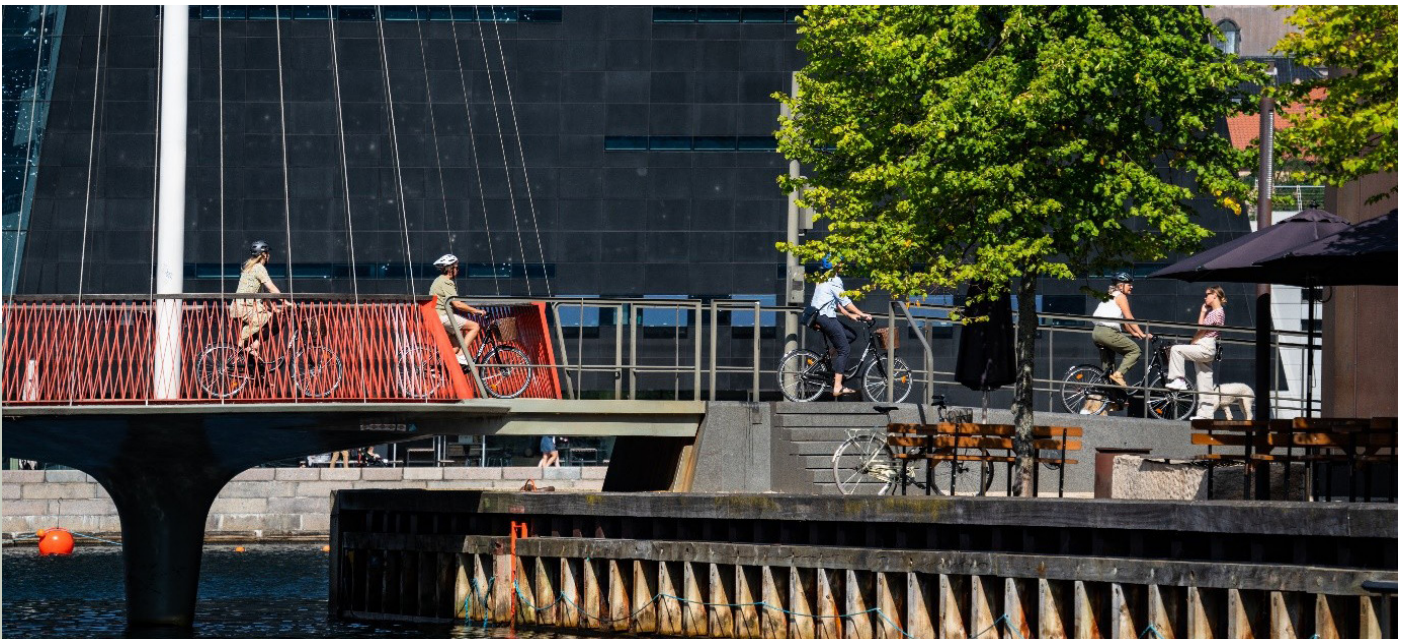
500 DKK / 67 EUR

The new Nordhavns tunnel will be 1.4 km long and will extend the existing 900-meter tunnel and allow future extensions. The project is in central Copenhagen and passes beneath Denmark's largest marina. The total project cost is approximately DKK 4 billion, and the tunnel is expected to open to traffic in mid-2027.

Program

9:00	•	Departure from Tivoli Congress Hotel
09:45	•	Stop at the viewing platform
10:30 – 11:30	•	Introduction to the Project
11:30 – 12:45	•	Walking tour in the working area
13:00 – 14:00	•	Lunch
14:00	•	Return to Tivoli Congress Hotel / Alternative drop off for passenger in Copenhagen Airport for flights after 17.00

Copenhagens Bicycle Infrastructure



1051 København



24 April



500 DKK / 67 EUR

Program

- 9:00 Departure from Tivoli Congress Hotel
- 9:00 - 11:30 Bicycle Tour*
- 11:30 Lunch at Tivoli Congress Hotel

*We will also look at solutions for pedestrians, universal design and urban design. We will make stops at some of the interesting locations and discuss pros and cons of the solutions we see.

The guided bike tour will take the participants through a sample of Copenhagen's bicycle infrastructure, including iconic solutions like the Bicycle Snake and the busiest bike path in the World on Queen Louise's Bridge.



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Bronze sponsors



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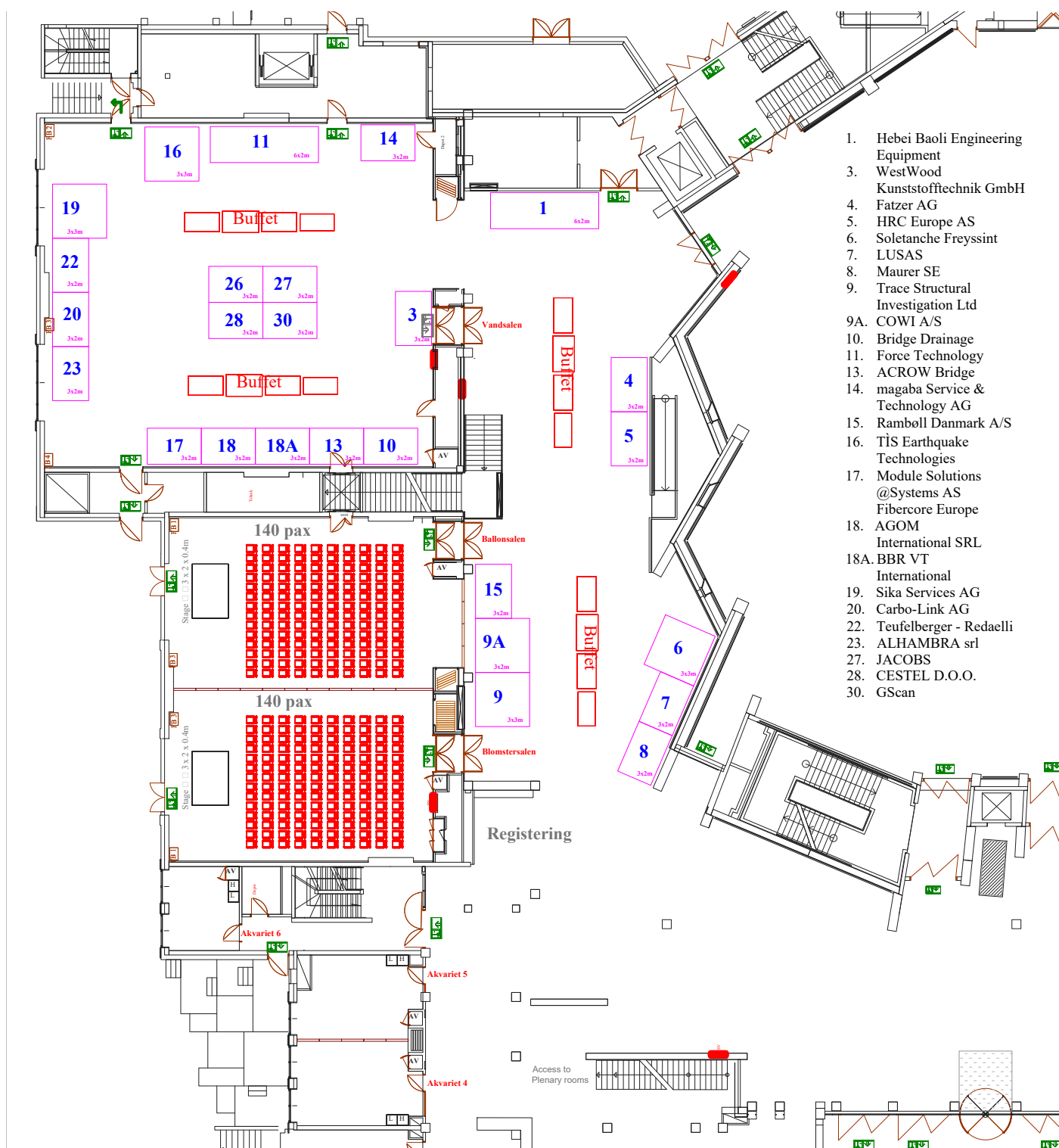


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Exhibition

Exhibition Map - Ground Floor:



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Niels Christian Skov Nielsen, Danish Road Directorate
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The International Association for Bridge and Structural Engineering (IABSE)

was founded in 1929 and has its seat in Zurich, Switzerland. Today, IABSE has members in 100 countries and 58 national groups around the world. IABSE's aim as a scientific and technical society is to promote the advancement of structural engineering practice while taking into account technical, economic, environmental, aesthetic and social aspects. IABSE deals with all structures and with all materials.

To fulfil its mission, IABSE organises conferences and publishes the quarterly journal Structural Engineering International (SEI), conference reports, as well as books reflecting the work of its technical groups. It creates technical groups as required by needs and technological progress and offers activities within National Groups of IABSE to support Young Engineers with a programme and present annual awards for outstanding achievements in research and practice that advance the profession of structural engineering.

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More details can be found here:
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