Scientific Committee

György L. Balázs (HU), Chairman, BME
Sándor Sólyom (HU), Co-Chairman, BME
Steven Foster (AU), Co-Chairman, Univ. of New-South Wales
János Levendovszky (HU), BME Vice Rector for Research and Innovation
Szabolcs Rózsa (HU), BME Dean of Civil Engineering
László P. Kollár (HU), BME Pál Vásárhelyi Doctoral School
Ákos Török (HU), BME Habilitation Com. and Doct. Council of the Fac. of Civ. Eng.
János Józsa (HU), BME, MTA
Tamás Lovas (HU), BME Civ. Eng. Coordinator for Education Development

Sándor Ádány (HU)
Katalin Bagi (HU)
Nemkumar Banthia (CA)
Joaquim Barros (PT)
Josée Bastien (CA)
Beatrice Belletti (IT)
Farid Benboudjema (FR)
Konrad Bergmeister (AT)
Antonio Mari Bernat (ES)
Hans Beushausen (ZA)
Agnieszka Bigaj-van Vliet (NL)
Jan Biliszczuk (PL)
Ruben Paul Borg (MT)
Billy Boshoff (ZA)
Alejandro Caldentey (ES)
Cristina Campean (RO)
Arpad Ceh (RS)
Francesca Ceroni (IT)
Chrys. Chrysostomou (CY)
Isabella Colombo (IT)
Matteo Colombo (IT)
Hugo Corres (ES)
Manfred Curbach (DE)
László Cseténvi (GB)
Avraham Dacygier (IL)
Frank Dehn (DE)
Marta Del Zoppo (IT)
Iria Lícia Olivia Doniak (BR)
Wit Derkowski (PL)
Marco di Prisco (IT)
András Dormány (HU)
Atef Daoud (TN)
Carola Edvardsen (DK)
Rolf Eligehausan (DE)
Abdulkader El-Mir (LB)
Michael Fardis (GR)
György Farkas (HU)
Dabin Feng (CN)
Olivér Fenyvesi (HU)
Liberto Ferrara (IT)
John P. Forth (GB)
Albert De la Fuente (ES)
Hans-Rudolf Ganz (CH)
Harald Garrecht (DE)
Fabrice Gatuingt (FR)
Ravindra Gettu (IN)
Viktor Gribniak (LT)
Maurizo Guadagnini (GB)
Michael Haist (DE)
Petr Hajek (CZ)
Viktor Hlavička (HU)
Tor-Arne M. Hamer (NO)
Max Hendriks (NL)
Dezső Hegyi (HU)
Chris Hendy (GB)
Rick Henry (NZ)
Jan Hofmann (DE)
Le Guang Hung (VN)
Eva Ollers Ibars (E)
Ivan Ignjatović (RS)
Alper Ilki (TR)
Edoardo Santos Júlio (PT)
Terje Kanstad (NO)
Akio Kasuga (JP)
Walter Kaufmann (CH)
Said Kenai (DZ)
Sylvia Kessler (DE)
Rita Kiss (HU)
Zoltán Kiss (RO)
Johann Kollegger (AT)
Katalin Kopecskó (HU)
Kálmán Koris (HU)
Renata Kotynia (PL)
Tamás Kovács (HU)
Nauzika Kovács (HU)
Imre Kovács (HU)
Flórián Kovács (HU)
Gábor Köllő (RO)
Balázs Kövesdi (HU)
Yahya Kurama (US)
Simone Labò (IT)
Laurie Lacarriere (FR)
Ingrid Lande (NO)
János Lógó (H)
Xilin Lu (CHN)
Éva Lublóy (HU)
Karin Lundgren (SE)
Koichi Maekawa (JP)
András Mahler (HU)
Giuseppe Mancini (IT)
Marko Marinković (RS)
Steffen Marx (DE)
Bruno Massicotte (CA)
Stijn Matthys (BE)
Alberto Meda (IT)
Ildiko Merta (AT)
Fausto Minelli (IT)
Barzin Mobasher (US)
Gábor Mucsi (HU)
Harald S. Müller (DE)
Antione Naaman (US)
Balázs Nagy (HU)
Tamás Nagy-György (RO)
Salem G. Nehme (HU)
Kinga Nehme (HU)
Rita Nemes (HU)
Róbert Németh (HU)
Motohiro Ohno (JP)
Tor-Ole Olsen (NO)
Zoltán Orban (HU)
Ádám Paládi-Kovács (HU)
Alessandro Palermo (US)
Daman K. Panesar (CA)
Peter Paulik (SK)
Marisa Pecce (IT)
Cristina Barris Pena (ES)
Giovanni Plizzari (IT)
Andrea Prota (IT)
Goran Puz (HR)
Marco Rampini (IT)
Ágoston Restás (H)
Mario E. Rodrigez (MX)
Pedro Serna Ros (ES)
Reem Sabouni (AE)
Genadijs Sahmenko (LV)
István Sajtos (HU)
Syed Yasir Salam (FR)
Marek Salamak (PL)
Samindi Samarakoon (NO)
Dirk Schlicke (AT)
Luis Segura (UY)
Larbi Sennour (US)
Takami Shimomura (JP)
Johan Silfwerband (SE)
Jongsung Sim (KR)
Simone Spagnuolo (IT)
Alfred Strauss (AT)
Fernando Stucchi (BR)
Zsuzsa Szalay (HU)
János Szép (HU)
Luc Taerwe (BE)
ArezkiTagnit-Hamour (CA)

MŰEGYETEM 1782

Organizer

Budapest University of Technology and Economics (BME),
Faculty of Civil Engineering

Supported by:
fib - www.fib-international.org

Dates and registration

February 29, 2024	Submission of abstracts
March 31, 2024	Acceptance of abstracts
May 15, 2024	Pull paper submission
June 15, 2024	Full paper review
June 30, 2024	Full paper acceptance

Submissions of abstract and paper are via the conference homepage. The conference fee will be € 250 including participation, coffee breaks, lunches, e-proceedings and social dinner. Every oral presentation needs registration.

Scientific Committee, cont'd

Maurizio Taliano (IT)
Diego Alejandro Talledo (IT)
Jin-Guang Teng (CN)
Ishida Tetsuya (JP)
Georgia Thermou (GB)
Jean-Michel Torrenti (FR)
Lluis Torres (ES)
Thanasis Triantafillou (GR)
Tamon Ueda (CN, JP)
Jan L. Vítek (CZ)
Robert Vollum (GBR)
István K. Völgyi (HU)
Lukas Vrablik (CZ)
Joost Walraven (NL)
Roman Wan-Wendner (BE)
Andor Windisch (HU, DE)
Sherif Yehia (AE)
Giulio Zani (IT)
Raul Zerbino (AR)
Yamei Zhang (CN)
Bin Zhao (CN)
Arash Zolfagharnasab (IR)

Organizing Committee

György L. Balázs (HU), Chairman, BME
Szabolcs Szinvai (HU), Co-Chairman, BME
András Biró (HU), Co-Chairman, BME

David Fernández-Ordóñez (CH), Secretary General, *fib* Lausanne
Marie Reymond (CH), Corinne Bottollier Depois (CH), *fib* Lausanne

Zaid Ali Abdulhussein (HU), Al-Askary Ali Satar Jaber (HU), Manea Thajeel Marwah (HU), Marcelo Melo (BR), Fanni Petresevics (HU), Dóra Szagri (HU), Anna Szíjártó (HU), Nikola Tošič (ES), Wisam Kamil Tuama (HU), Yousuf Zubair (HU)

fib CEB-FIP Hungary

INTERNATIONAL PhD SYMPOSIA IN CIVIL ENGINEERING

fib CEB-FIP

15th *fib* PhD Symposium
2nd Call
August 28th to 30th 2024
Budapest, Hungary

https://fibphdsymp2024.bme.hu







The Symposium

The reason of initiating such a special Symposium was to provide help to the PhD students to be successful with their PhD research and their PhD defence. The system of PhD Symposium in Civil Engineering has been initiated by the Faculty of Civil Engineering at the Budapest University of Technology (BME) in 1996.. It has been organized every second year at a famous university then. See history: http://fib.bme.hu/folyoirat/cs/cs2023/cs2023_1.pdf.

1. Only PhD candidates are allowed to give the presentations and not their supervisors.
2. Ample time is given for discussions after every presentation. Discussions are essential parts of these Symposia. In this way we want to help our young colleagues to proceed with their research work. Chairmen and charladies are reasonable to stimulate discussions.
3. The Symposia provide good possibilities to meet other researchers from the same or similar fields of your research fields.
4. Finally at these Symposia the registration fee must be low in order not to stop any young colleagues from the participation.

Venue – BME Budapest



Budapest University of Technology and Economics was founded in 1782 and it has been regarded as Hungary's number one technical higher education institution for more than 240 years.

Budapest, resting gracefully along the Danube, harmonizes centuries of history with a vibrant present. Landmarks like Buda Castle and Matthias Church echo tales of the past, while District VII's lively atmosphere embodies modern creativity in its eclectic bars and cafes. Art and culture thrive here, from the grandeur of the Hungarian State Opera House to the avant-garde exhibitions at the Ludwig Museum.

Topics

A. INNOVATIONS IN STRUCTURES
   1. Structural analysis, modeling and design
   2. Bridges, reservoirs, dams, tunnels and road constructions
   3. Buildings and shells
   4. Structural reliability and risk analysis

B. INNOVATIONS IN CONCRETES AND REINFORCEMENTS
   5. Innovations in concrete and concrete technology
   6. Innovations in metallic and non-metallic reinforcements
   7. Digitalization - 3D concrete printing

C. SUSTAINABILITY, DURABILITY, SERVICE LIFE
   8. Sustainability of materials and structural systems, including heritage concrete structures
   9. Durability of existing concrete structures and durability for future structures
   10. Life cycle assessment and design. Rest life

D. MAINTENANCE, RETROFITTING, STRENGTHENING
   11. Heritage concrete structures
   12. Assessment and structural health monitoring
   13. Maintenance, retrofitting or strengthening of concrete structures
   14. Composites for strengthening of concrete structures

Extended discussion time

The special feature of the PhD Symposium is that there are 20 or 15 minutes of presentation time and a mandatory 10 or 15 minutes of discussion time after each presentation. It defines a block of 30 minutes to every presentation. The Chairpersons are responsible to use discussion time in a reasonably way. Audience is of course allowed to put questions too.

Evaluation and prizes

All the written and oral presentations are evaluated by the Chairpersons and discussed by the Scientific Committee. Prizes are delivered by the Closing ceremony for the best presentations.



Contact information

Official website:

https://fibphdsymp2024.bme.hu

Műegyetem 3, Budapest, H-1111 Hungary

fibphdsymp2024@emk.bme.hu