

fib HU - General Assembly



Photo ©Loic Gardiol

Balázs L. György
Honorary President
2020. dec. 7., BME Budapest

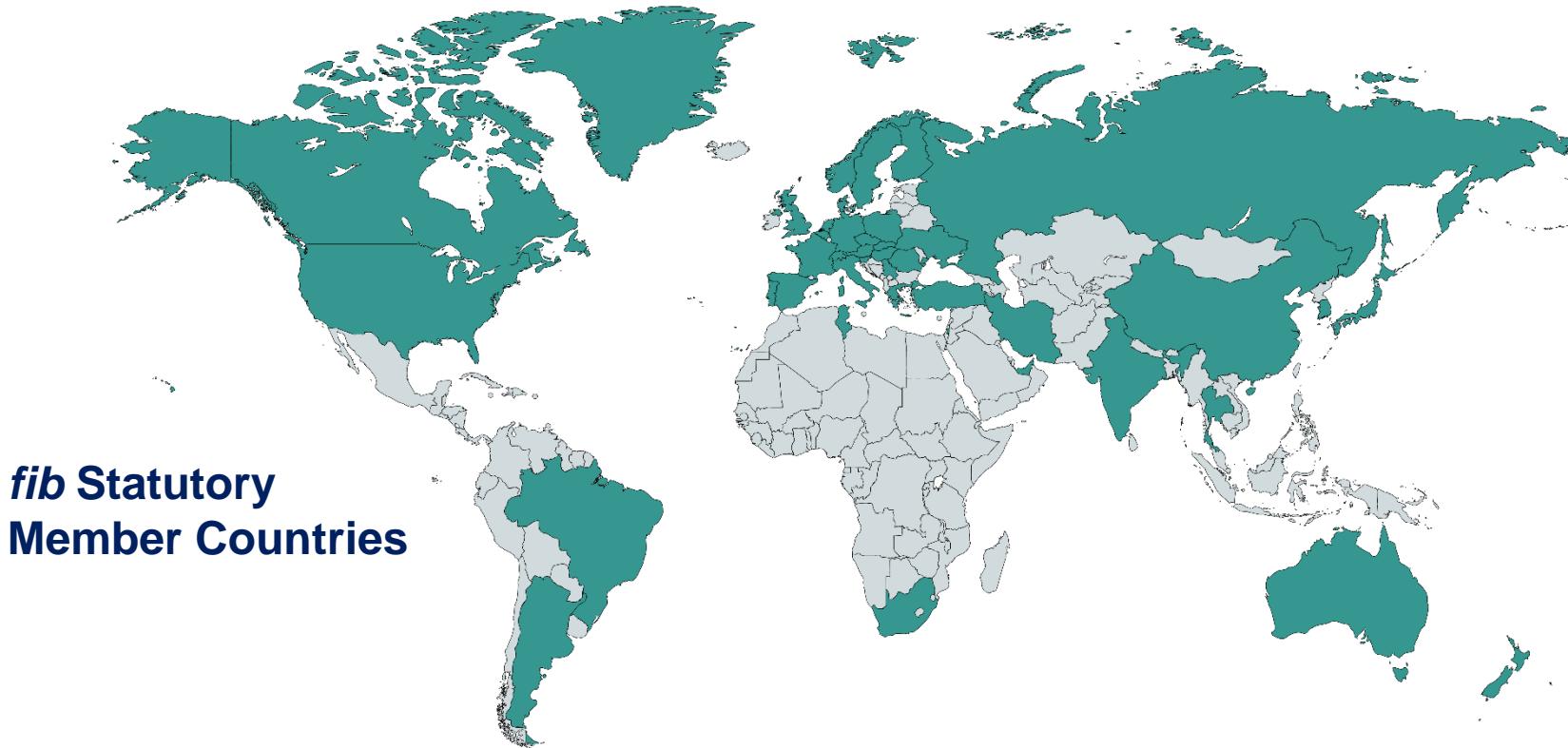
INTERNATIONAL PHD



Symposium
1950

orizzi

2019 Statutory member countries



Created with mapchart.net ©

45 fib Statutory Member Countries

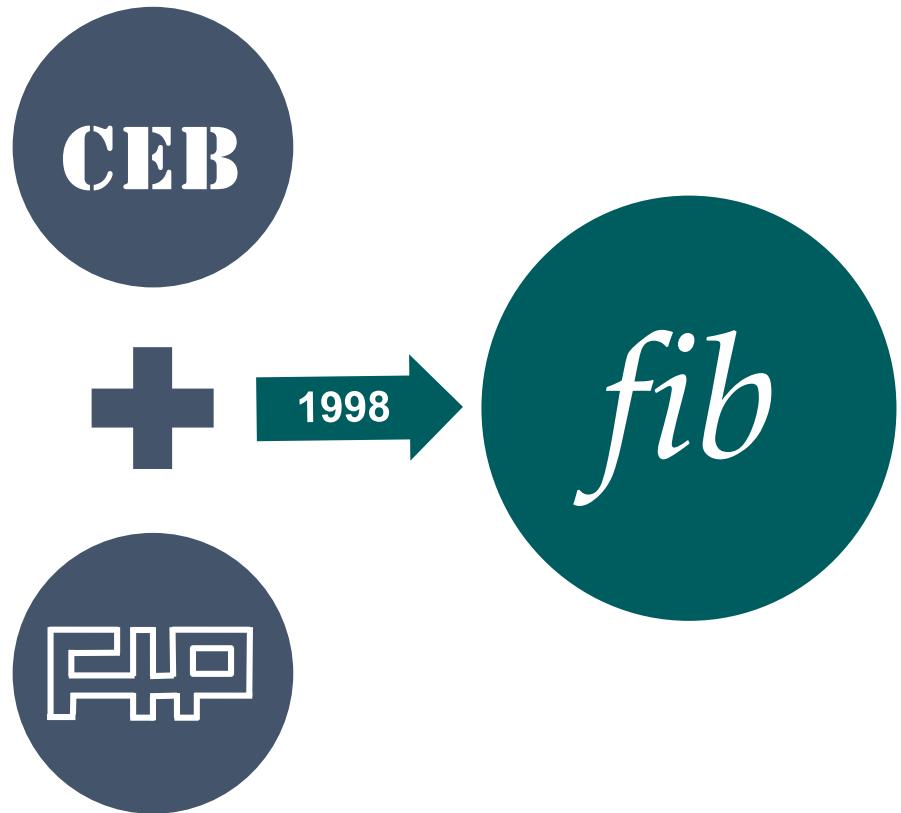
Argentina – Australia – Austria – Belgium – Brazil – Canada – China – Cyprus – Czech Republic – Denmark – Finland – France – Germany – Greece – Hungary – India – **Indonesia** – Iran – Israel – Italy – Japan – Lebanon – Luxembourg – Netherlands – New Zealand – Norway – Poland – Portugal – Romania – Russia – Serbia – Slovakia – Slovenia – South Africa – South Korea – Spain – Sweden – Switzerland – Thailand – Tunisia – Turkey – **UAE** – Ukraine – United Kingdom – United States

Creation of the *fib*



Euro-International
Committee for Concrete
Comité euro-internationale du béton
1953

International Federation
for Pre-stressing
Fédération internationale
de la précontrainte
1952



Mission and Objectives of the *fib*



“To develop at an international level the study of scientific and practical matters capable of advancing the technical, economic, aesthetic and environmental performance of concrete construction.” *Statutes of the fib*

Stimulation of research and synthesis of findings

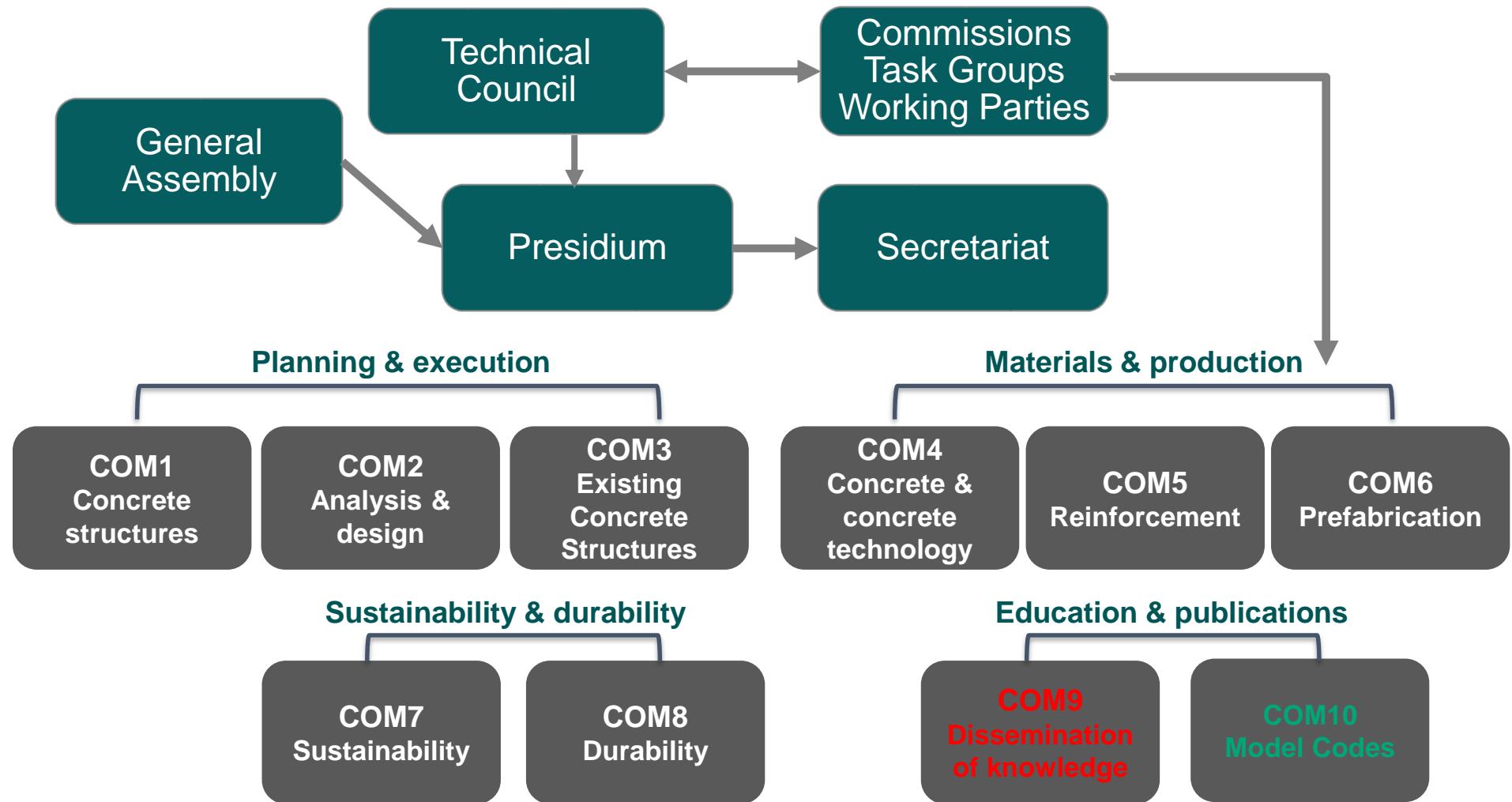
Transfer into design and construction practice

Dissemination by publications, conferences, etc.

Production of recommendations and codes

Dissemination of information to members

The *fib*'s structure



2019-20 *fib* presidium members

Tor Ole Olsen
Norway
President



Akio Kasuga
Japan
Dep. President



Hugo Corres
Spain
Immediate Past
President



Josée Bastien
Canada



Frank Dehn
Germany



Marco di Prisco
Italy



Iria Doniak
Brazil



Stephen Foster
Australia



Aurelio Muttoni
Switzerland



Larbi Sennour
USA



David Fernández-
Ordóñez
Secr. General



The *fib*'s Structural Concrete journal



Impact Factor 2020: 2.174

IF 2019: 1.885

IF 2018: 1.384

6 issues from 2016

1 Structural
Volume 17 March 2016 ISSN 1446-4777
Shear strength of SCC beams with few stirrups in shear capacity; Method for calculating RC beam arches; Behaviour of RC beams with CFRP strips under eccentric loading; Transfer lengths in precast prestressing; Concrete fatigue in composite dowels; ASR and sulphate performance of mortar; ASR and sulphate performance of mortar; Nano-indentation and XCI for investigating properties of concrete with blended cement; Ultrafine fly ash effects on concrete with properties of different stabilized recycled aggregates.

2 Structural
Volume 17 June 2016 ISSN 1446-4777
European design rules for point loads; Modelling catenary effect in progressions; New approach for calculating the axial capacity of prestressed concrete columns with closed-form solution; Optimal tie layout in STM based on top; Pull-out fatigue of composite dowels in concrete; Experimental investigation of the fatigue behaviour of CFRP plates bonded to concrete; Random fibre orientation and wear resistance of concrete; LCAs for concrete beams with equal-diameter reinforcement; Properties of different stabilized recycled aggregates.

3 Structural
Volume 17 September 2016 ISSN 1446-4777
Benchmarking of European design rules for concrete structures; Fatigue behaviour of steel-rebar epoxy-coated bars; Real-time damage detection based on pattern recognition; Axial capacity of prestressed RC columns with CFRP strips; Pre-tensioned concrete beams with CFRP strips; Closed-form solutions for moment redistribution; Numerical approach for evaluating structural reliability of concrete structures; Accuracy of equations for flexural and shear ductile potential capacity model for RC beams; Fatigue behaviour of CFRP plates bonded to concrete; Random fibre orientation and wear resistance of concrete; Optimized strain and tie models for dapped beams; Numerical limit analysis of keyed shear joints; Bond-slip model for CFRP strips; Estimating shear loads during construction.

4 Structural
Volume 17 December 2016 ISSN 1446-4777
Concrete classification for carbonation in precast concrete; Using crack widths to estimate corrosion at the surface of concrete structures; Modifying the simplified crack control method; Natural fibres in concrete – studies of mechanical properties and durability; Reliability of fib MC 2010 design method for concrete structures; Punching shear tests on compact footings; Cyclic behaviour of concrete structures under low temperatures; Stiffness and ultrasonic pulse velocity in the concrete; Fatigue behaviour of normal-strength concrete; Design of concrete structures under seismic waves; RC section behaviour based on seismic code; HSC columns confined with post-tensioned tendons; A new method for proportioning recycled aggregate concrete.

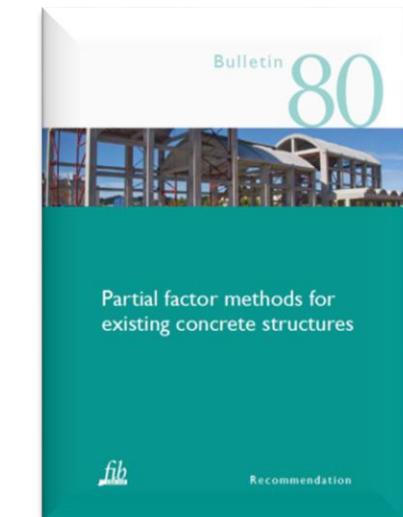
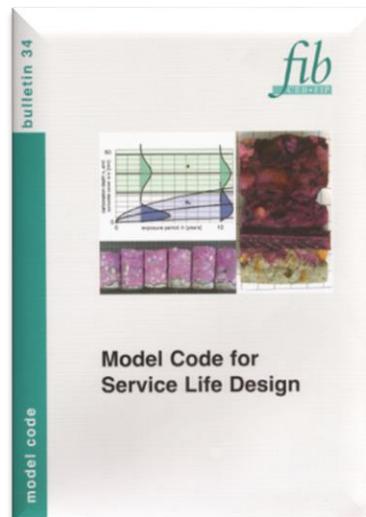
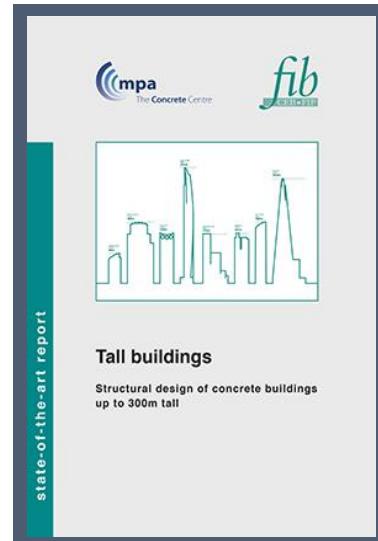
5 Structural
Volume 17 December 2016 ISSN 1446-4777
A state-of-the-art review on flexible formworks; Numerical analysis of damage under subject to track impact; Lateral impact testing of PC beams; Experimental and numerical evaluation of proposed precast concrete connections; An experimental beam for precast concrete wall slabs under lateral impact; Current practices and challenges in the research of study; Catenary action structural robustness; RC slab shear tensile force; Shear transfer between concrete and PC beams; Post-cracking shear strength and deformation of HSS-UHPCRC beams; Investigations on the punching shear behaviour of eccentrically loaded footings; Analysis of the influence of eccentricity on the shear capacity of RC shear wall; Residual mechanical properties and light-weight concrete; Long-term aging effects on GFRP mechanical properties; Corrosion resistance of concrete structures made of concrete; Modelling a real bridge affected by delayed straitiga formation; Sustainability design of concrete structures.

6 Structural Concrete
Volume 17 December 2016 ISSN 1446-4777
Journal of the *fib*

Results of commissions and task groups are published as fib bulletins



- Technical reports
- State-of-the-art reports
- Textbooks
- Manuals or guides
- Recommendations
- Model Codes





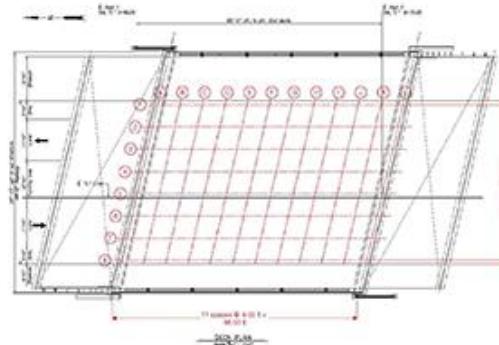
Serviceability Limit State of Concrete Structures

Technical report

The

international.org

10



| As-Constructed Cover Dimensions at Grid Points [mm] | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|----|----|--|
| | A | B | C | D | E | F | G | H | I | J | K | L | |
| 1 | 64 | 56 | 66 | 76 | 52 | 73 | 69 | 71 | 79 | 76 | 79 | 72 | |
| 2 | 61 | 56 | 63 | 69 | 69 | 70 | 74 | 76 | 55 | 72 | 76 | 53 | |
| 3 | 57 | 57 | 37 | 40 | 64 | 56 | 60 | 56 | 56 | 48 | 47 | 57 | |
| 4 | 49 | 51 | 42 | 51 | 57 | 58 | 57 | 54 | 59 | 63 | 64 | 71 | |
| 5 | 58 | 61 | 53 | 49 | 51 | 48 | 55 | 50 | 46 | 49 | 65 | 59 | |
| 6 | 76 | 79 | 63 | 53 | 80 | 74 | 72 | 65 | 72 | 69 | 72 | 58 | |
| 7 | 57 | 76 | 80 | 28 | 66 | 74 | 62 | 76 | 57 | 63 | 57 | 61 | |
| 8 | 54 | 47 | 56 | 56 | 54 | 72 | 64 | 61 | 56 | 45 | 59 | 63 | |

Birth Certificate and Through-Life Management Documentation

Technical report



Precast concrete bridge continuity over piers

Technical report

fib
CEB-FIP



Bulletin

95

fib
CEB-FIP



Fibre Reinforced Concrete: From Design to Structural Applications

Proceedings of the ACI-*fib*-RILEM International
Workshop - FRC2018

ACI SP-343
Technical report



Guidelines for Submerged Floating Tube Bridges

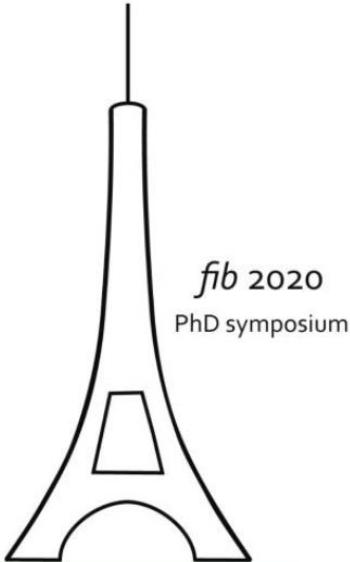
Guide to good practice

Symposia, congresses and supported events



2020 PhD Symposium – Abstract deadline 30 Nov 2019
13th International PhD Symposium in Civil Engineering
26-28 August – Paris, France





13th *fib* International PhD-Symposium In Civil Engineering

August 26-28, 2020



Proceedings of the 2020 session of the
13th fib International PhD Symposium in Civil Engineering

held in Paris, France
August 26-28, 2020.

Edited by: Fabrice Gatuingt & Jean-Michel Torrenti



AFGC: French Association of Civil Eng.
AUGC: Univ. Association of Civil Eng.

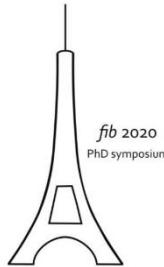
OPENING Words

Prof. Dr.-Ing. György L. Balázs

Budapest University of Technology

Honorary President of *fib*





13th *fib* International
PhD-Symposium In Civil Engineering
August 26-28, 2020



PROCEEDINGS

1ST INTERNATIONAL
SYMPOSIUM
PH.D.
18-20 Aug 1996 BUDAPEST

TECHNICAL UNIVERSITY OF BUDAPEST
FACULTY OF CIVIL ENGINEERING

EDITED BY G. L. BALÁZS

SUPPORTED BY COMITÉ EURO-INTERNATIONAL DU BÉTON (CEB)

concrete
jlb
CEB-FIP

1996

Start with
support
of
CEB
then

fib



Jean-Michel Torrenti
in
Tokyo
2016



11th fib International
PhD Symposium
in Civil Engineering
Date : 29-31 August 2016
Place : Ito conference hall, Tokyo, Japan





November 22-24
2020




Home

Organization

Keynote Speakers

Topics & Program

Registration

Paper Submission

Poster

Partners & Sponsors



Organization

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[Information](#)

fib SYMPOSIUM 2020
Concrete Structures for Resilient Society
22nd-24th November, 2020, ONLINE

Symposia, congresses and supported events



**2020 Symposium
Concrete Structures for Resilient Society
22-24 Nov - Shanghai, China**

Előadások és cikk - Online

1. Éva Lublóy – György L. Balázs
2. Naser Alimrani – György L. Balázs

Részvétel és cikk:

3. Nabil Abdelmelek - Éva Lublóy



fib Events

[Home](#) - [Events](#) - [fib events](#) - fib Conceptual Design Symposium

fib Symposium in Lisbon

fib Symposium 2021 Lisbon - Portugal

The *fib* Symposium 2021 will be held in Lisbon from 14 to 16 June 2021, gathering together professionals, researchers and students from all over the globe to discuss 'Concrete Structures: New Trends for Eco-Efficiency and Performance'.

Keynote speakers will address the three most relevant topics: *fib* Model Code 2020, sustainable concrete, and high-performance structures. Also, the latest scientific and technological innovations and the most impressive projects in structural concrete will be presented. An innovative session will be organized by the *fib* YMG. A students' competition will take place, addressing the double challenge of optimizing concrete's carbon footprint and performance for a specific structural application. Most relevant companies from the concrete construction industry will exhibit their products at the sponsors' exhibition hall located at the symposium's venue.

<https://fiblisbon2021.pt/>

fib Symposium 2021

Lisbon · Portugal

[COVID-19](#) [Organization](#) [Program](#) ▾ [Authors](#) [Awards & Competitions](#) [Sponsorship & Exhibition](#) [Social Program](#) [Venue](#) [Registration](#)

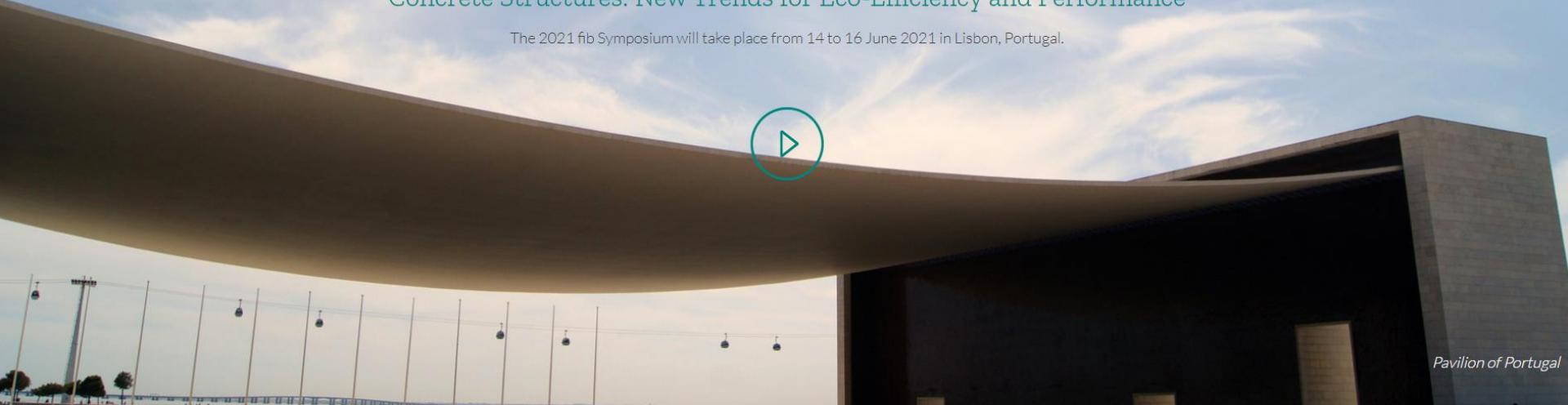
fib Symposium 2021

Concrete Structures: New Trends for Eco-Efficiency and Performance

The 2021 fib Symposium will take place from 14 to 16 June 2021 in Lisbon, Portugal.

Important dates

Submission of abstracts – **14th December 2020 (NEW DATE)**
Notification of abstract acceptance – **14th January 2021**
Submission of full paper – **14th February 2021**
Notification of paper acceptance – **14th March 2021**



Symposia, congresses and supported events



2021 PhD Symposium

14th International PhD Symposium in Civil Engineering

26-28 August – Paris, France

2021 Symposium

2nd Conceptual Design of Structure

Sept - Madrid, Spain

A madridi ügető lelátója, tervezte Eduardo Torroja, épült 1935-ben



2019
Symp
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Conce
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Desig
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Struct
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26-28
Sept -
Madrid
, Spain



Symposia, congresses and supported events



2019 Symposium

Conceptual Design of Structure
26-28 Sept - Madrid, Spain

Résztvevők:

Balázs L. György:
Scientific Com

Sajtos István:

„Twisting moment – an unusual balancing
of some historical load-bearing structures”

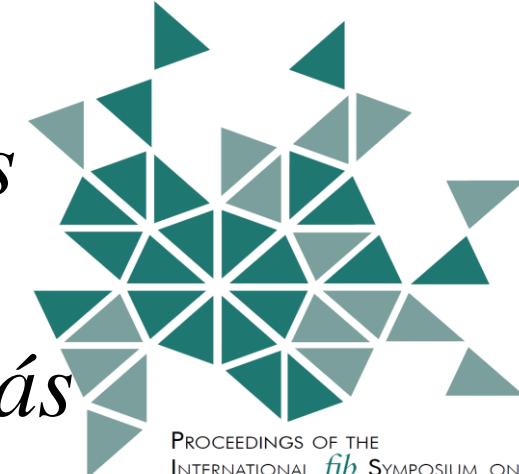
Kulcsszavak:

Inspiració

Adatgyűjtés

Kreativitás

Megvalósítás



PROCEEDINGS OF THE
INTERNATIONAL *fib* SYMPOSIUM ON
CONCEPTUAL DESIGN OF STRUCTURES

SEPTEMBER 26-28, 2019
TORROJA INSTITUTE | MADRID | SPAIN
edited by Hugo Corres, Leonardo Todisco, and Corentin Fivet





fib Events

[Home](#) - [Events](#) - [fib events](#) - International fib Symposium on Conceptual Design Of Structures

fib Conceptual Design Symposium



The *fib* Conceptual Design Conference will take place on 16-18 September 2021 near Solothurn, Switzerland.

The conceptual design of structures is at the heart of the design process and when the most fundamental and influential decisions are taken for a project. It merges experience, intuition, tradition, site constraints, technical solutions and, above all, the genius and sensitivity of the designers.

The aim of the International *fib* Symposium on Conceptual Design of Structures 2021 is to generate a fruitful exchange event for academics and practitioners from engineering, architecture and other disciplines on the topic of the conceptual design of structures.

<http://conceptualdesign2021.com/>



Conceptual Design of Structures 2021

INTERNATIONAL FIB SYMPOSIUM – SWITZERLAND/ONLINE, SEPTEMBER 16-18 2021

[SYMPOSIUM](#) ▾ [COMMITTEES](#) ▾ [SUBMISSION](#) [CONTACT US](#) [Q](#)

Symposium

The conceptual design of structures is at the heart of the design process and when the most fundamental and influential decisions are taken for a project. It merges experience, intuition, tradition, site constraints, technical solutions and, above all, the genius and sensitivity of the designers.

The aim of the *International fib Symposium on Conceptual Design of Structures 2021* is to generate a fruitful exchange event for academics and practitioners from engineering, architecture and other disciplines on the topic of the conceptual design of structures. The focus is placed on experiences made particularly during the design process. The discussions should reflect how a project emerges, how design decisions are taken, how responsibilities are distributed, how obstacles and constraints are handled, how fundamental design principles are applied and the way the individual members of the design team collaborate.

The *International fib Symposium on Conceptual Design of Structures 2021* is jointly organized by the *Laboratory for Structural Concrete Engineering* at EPFL Lausanne (Prof. Aurelio Muttoni) and the *Chair of Structural Design* at ETH Zurich (Prof. Joseph Schwartz) in collaboration with the *fib (International Federation for Structural Concrete)*. The event continues a series of symposia opened by *fib* and whose first edition was held in Madrid in 2019.

Important Dates

Contributions

Abstract submission: **November 30, 2020**

January 15, 2021

Abstract acceptance: **December 31, 2020**

January 31, 2021

Submission of full videos and/or full papers:

March, 2021

Submission review: **April, 2021**

Final submission: **May, 2021**

Registration

Early bird registration: **March 31, 2021**

End of registration: **May 31, 2021**

Event

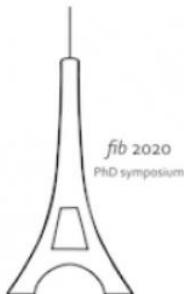
Conference: **September 16-17, 2021**

Site visits: **September 18, 2021**

fib Events

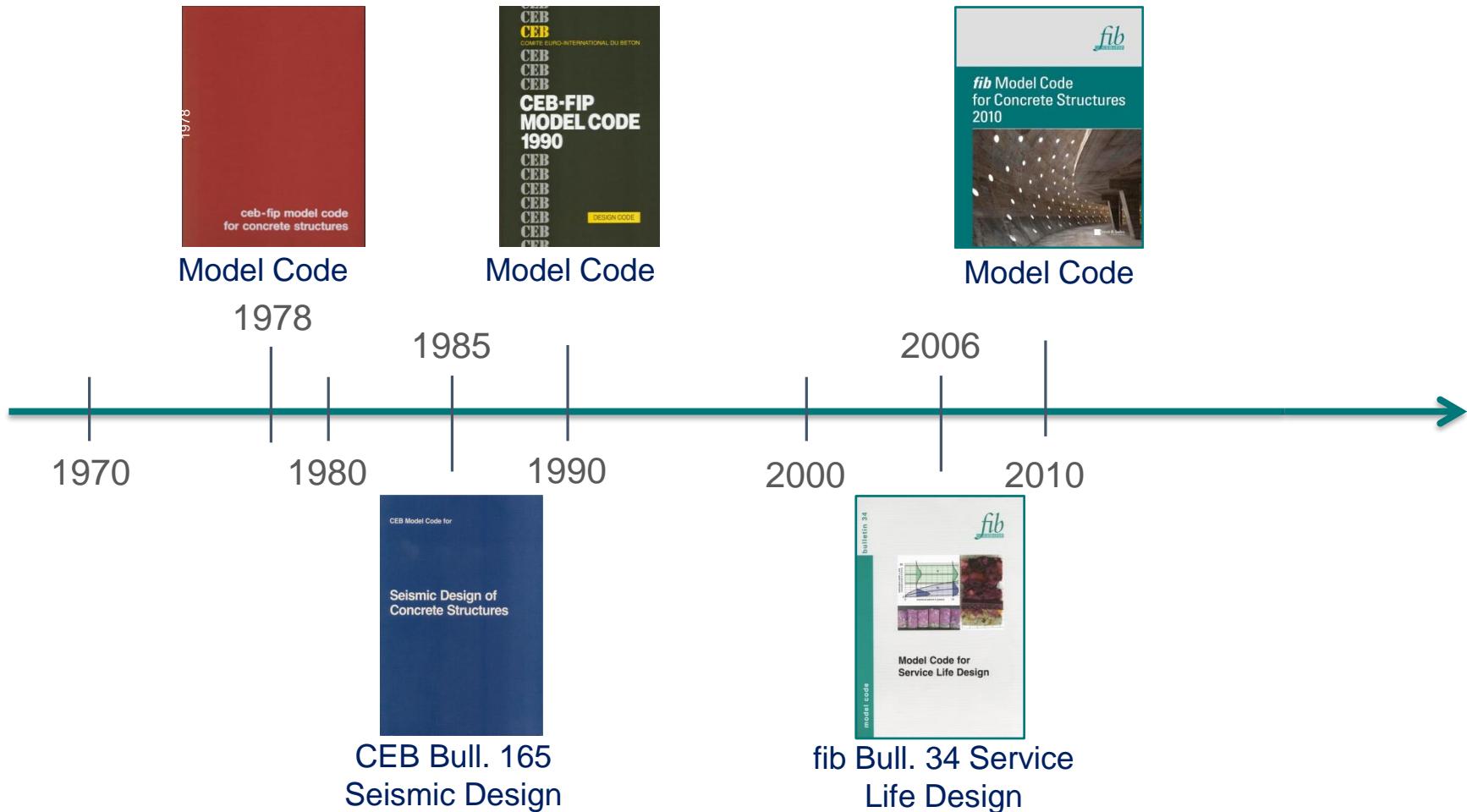
[Home](#) - [Events](#) - [fib events](#) - International fib Symposium on Conceptual Design Of Structures

13th PhD Symposium in Paris



The 13th *fib* PhD Symposium will take place in Paris from 21 to 23 July 2021. For more information, please visit the [official website](#).

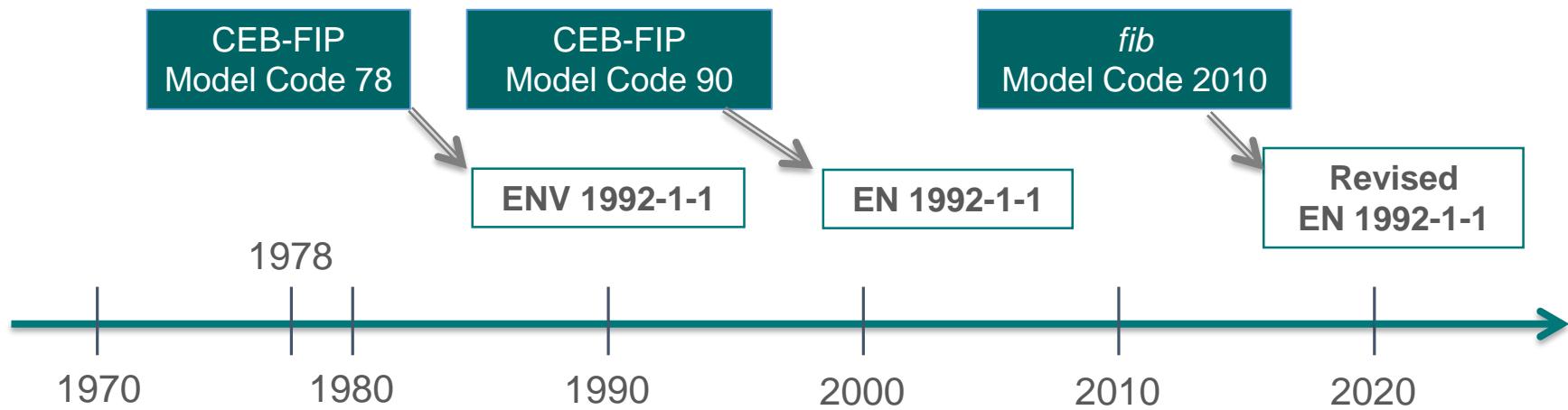
Impact of *fib* (CEB-FIP) Model Codes



Impact of *fib* (CEB-FIP) Model Codes



Strong influence on Eurocodes



Pronounced influence on Asian and African Model Codes

Model Codes are used as reference documents
both in research and in design

INTERNATIONAL CODIFICATION



...2020

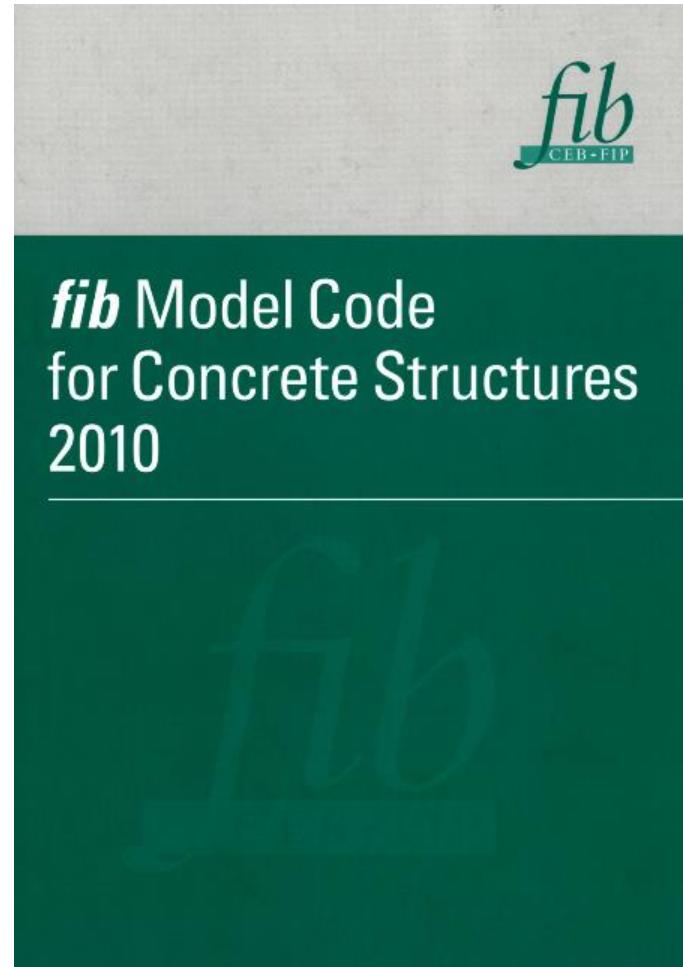
**MODEL CODE
2010**

fib MC2020

The starting point is
fib Model Code 2010

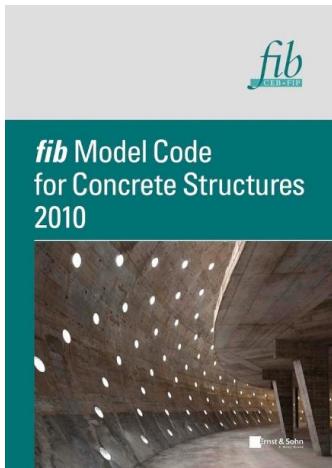
**But MC2020 could be delivered
in a different / updateable
electronic format.**

Will need to consider related
future developments



Courtesy Dr Stuart Metthews and Dr Agnieszka Bigaj-Van Vliet

fib Model Code 2010



fib Model Code 2020



Greatly extended technical scope and coverage

MC2010

5Nr Parts

10Nr Chapters

c. 400 pages

MC2020

9Nr Parts

35Nr Chapters

Pages ???

Supporting fib Bulletins to provide additional information to reduce page count in MC2020

Courtesy Dr Stuart Metthews and Dr Agnieszka Bigaj-Van Vliet

fib Magyar Tagozat Ankétjai 2020

fib HU Seminars in 2020



Tárgy: Meghívó a *fib* MT ülésére, *fib bulletin 80* bemutatása

Az ülés helye:

BME K.I. em. 87. (Tanácterem)
1111 Budapest, Műegyetem rkp. 3.

Az ülés kezdete:

2020. január 22. (szerda) 15¹⁵ óra, vége: kb. 16³⁰ óra

MEGHÍVÓ

Partial factor methods for existing structures

SZAKMAI ANKÉT – Presentation of *fib bulletin 80* –

A Nemzetközi Betonszövetség (*fib*) 80 számú bulletinja a megbízhatósági módszerek alkalmazását ismerteti, megépített vasbetonszerkezetek esetére. A kiadvány két előjárást mutat be épület- és híd szerkezetek megbízhatósági alapon történő vizsgálatához. A *fib* bulletin 80 és az annak alkalmazásáról 2019. februárban megtartott *fib Winter School* előadásanyaga alapján a 45 perces előadás röviden ismerteti a megbízhatósági módszerek alapjait és a gyakorlati alkalmazáshoz javasolt két előjárást, kidolgozott mintapélda segítségével.

Kedves Kolléga!

Tisztelettel meghívom a *fib* Magyar Tagozatának következő ülésére, amelynek programja lesz:

Ismertetés a *fib bulletin 80* alapján

Bevezető: Dr. Balázs L. György

A *fib bulletin 80-t minden cégtömbkhöz, ill. intézményünkhez már korábban megküldtük.*

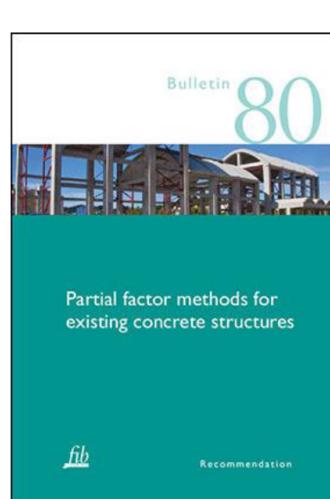
Az ismertetést tartja:

Várdai Attila

A BULLETIN ALAPJÁN KÉSZÜLT ELŐADÁS ÁTTEKINTÉSE:

1. A megbízhatósági előjárás alapjainak áttekintése.
2. A DVM- módszer elméleti hátterének ismertetése.
3. Az APFM- módszer elméleti hátterének ismertetése.
4. Gyakorlati alkalmazás bemutatása mintapéldán keresztül.

Kérdések, hozzászólások.



fib Magyar Tagozat Ankétjai 2019

fib HU Seminars in 2019



VISIT OF STUDENTS FROM AMERICAN UNIVERSITY OF SHARJAH, UAE

TO

BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS (BME),
DEPARTMENT OF CONSTRUCTION MATERIALS AND TECHNOLOGIES



M Ú E G Y E T E M 1 7 8 2



BUDAPESTI MŰSZAKI
ÉS GAZDASÁGTUDOMÁNYI EGYETEM
Építőmérnöki Kar - építőmérnöki képzés 1782 óta

Épitőanyagok és Magasépítés Tanszék



Review of ongoing research activities on advanced concrete

Prof. Balázs L. György

Honorary President of *fib*



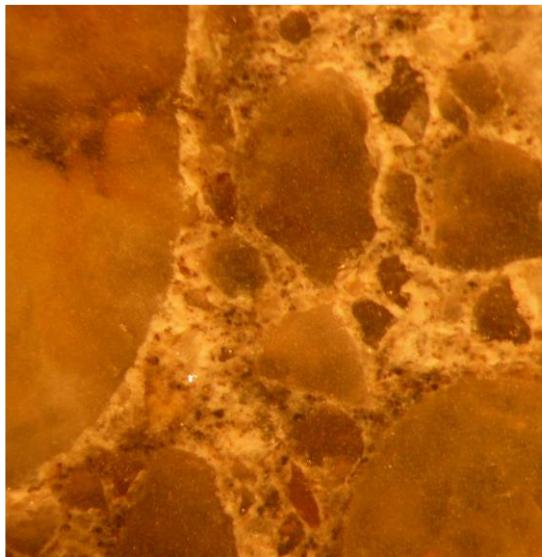
AUS UAE
TO
BME, BUDAPEST



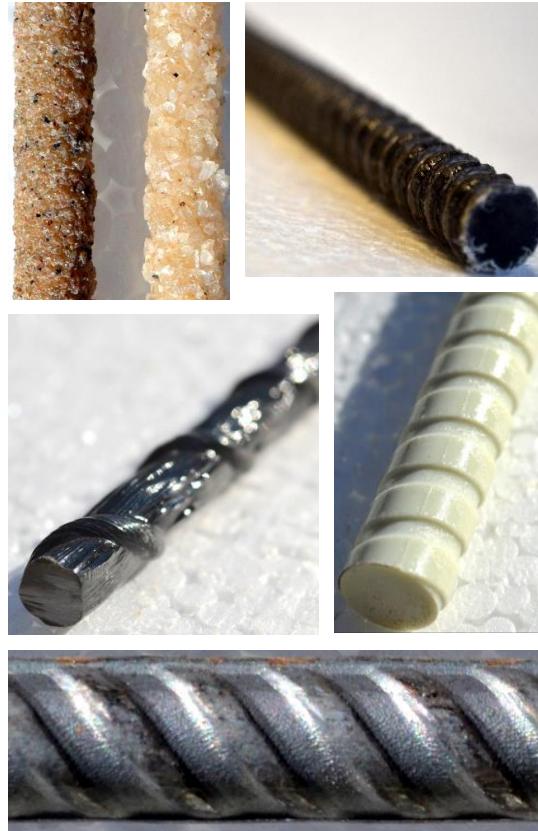
Creation of *fib*-UAE, Society
of Eng, Dubai, 10 April 2017

Dept. of Construction Materials and Technologies, Concrete Research

CONCRETE



BOND



REINFORCEMENT



Develop Gender balance in Engineering

**3rd fib-UAE Women in Civil
Engineering Forum (WICE)**

Prof. György L. Balázs

**fib Honorary President, Univ. of Techn. Budapest
Abu Dhabi University, UAE, 20 Oct. 2020**

Diploma for hard work and successes

—
**Congratula-
tions**



HADID: SHEIKH ZAYED BRIDGE, ABU DHABI (2010)



Ladies: Examples

- Zaha Hadid
(Iraqi Architect)
- (*There are 360 degrees,
so why stick to one?*)



Hadid: THE OPUS BY ZAHA HADID, DUBAI (2018)





The College of Engineering at ADU and the fib-UAE invites you to the:

Women in Engineering Forum 2020 (Virtual)

Bridging the Gender Gap: Challenges, Demands and Opportunities

20 - 19 October 2020

9 am - 2 pm (AUH Timing)

MS Teams

Join Day 1: <https://tinyurl.com/WIEF2020-Virtual-Day1>

Join Day 2: <https://tinyurl.com/WIEF2020-Virtual-Day2>

Registration link: <https://www.adu.ac.ae/women-in-engineering-forum-2020>

Forum Chair



Dr. Reem Sabouni
Forum Chair, Associate Professor,
Abu Dhabi University, Chair Women
Engineers fib-UAE, ASCE-UAE Section
President

Day 1 Speakers: 19th October 2020



Prof. Gyorgy L. Balázs
Honorary President of fib, Professor,
Department of Construction
Materials and Technologies, Faculty
of Civil Engineering, Budapest
University of Technology and
Economics, Hungary



Dr. Eng. Suaad Sultan Al-Shamsi
Senior Manager, Technical Advisor
Logistics and Migration, Midfield
Terminal, ETIHAD Airways



Dr. Cristina Barris Peña
Associate Professor of Mechanics of
Continuous Media and Theory of
Structures, Department of Mechanical
Engineering and Industrial
Construction, University of Girona,
Spain, fib International



**Eng. Eman Mohammed Taufik
Allkubaisi**
Head of Design & Technical Audit
Section, Infrastructure & Municipal
Assets Sector, Abu Dhabi City
Municipality.



Prof. Sirin Tekinay
Head of Design & Technical Audit
Section, Infrastructure & Municipal
Assets Sector, Abu Dhabi City
Municipality.



Eng. Aisha Al Mansoori
Capacity procurement Directorate in
EWEC (Emirates Water and Electricity
Company), Board of Director in FWA
(Federal Electricity and Water
Authority), Adjunct Faculty at ADU-
MEM Program



Dr. Rana Sabouni
Associate Professor, American
University of Sharjah, Department of
Chemical Engineering



Eng. Rasha Mubarak Alameri
Senior Assets Management
Engineer, Infrastructure and
Municipal Assets Sector, Abu Dhabi
City Municipality



Eng. Fatmeh Rashed Ali Alsaadi
Design Engineer, Design and
Technical Audit Section as a senior,
Abu Dhabi City Municipality

Day 2 Speakers: 20th October 2020



Dr. Eva Oller Ibars
Associate Professor of Concrete
Structures in the Civil Engineering
School of Barcelona, Spain, fib
International



Eng. Farah Zadah Alkurdhi
Built Environment Sector Lead,
Middle East and Abu Dhabi Territory
Manager at Mott MacDonald Limited



Eng. Shalika Jamal Ibrahim Azzaam
Senior Architectural Engineer,
Buildings Team Leader, Dubai Land
Department



Eng. Mariam Rashed Alyahmadi
Road maintenance engineer,
Infrastructure & Municipal Assets
Sector, Abu Dhabi City Municipality



Eng. Jawaher Rebeea Almansouri
Inspector, Classification and Profes-
sional Registration Department, Town
Planning Sector, Abu Dhabi City
Municipality



Eng. Siham Saed Alshanti
Master's student, Civil and Environ-
mental, United Arab Emirates
University.

For further details or clarifications please contact the **Forum Chair Dr. Reem Sabouni, Associate Professor, Abu Dhabi University, UAE** at reem.sabouni@adu.ac.ae.

Dr. Akio Kasuga – President 1 Jan 2021-2022

19 Sept 2019, BME



BIRTH, DEVELOPMENT AND FUTURE OF EXTRADOSED BRIDGES *A függesztett-feszített hidak születése, fejlesztése és jövője*



fib MT in cooperation with: BME Faculty of Civil Engineering

Department of Construction Materials and Technologies

Department of Structural Engineering

Department of Structural Mechanics

In cooperation with: BME Faculty of Architecture

Department of Mechanics, Materials and Structures and

Hungarian Chamber of Engineers, Dept. Structures (MMK TT)

Dr. Akio Kasuga

Deputy President of *fib*

19 Sept 2019, BME

BIRTH, DEVELOPMENT AND FUTURE OF EXTRADOSED BRIDGES

A függesztett-feszített hidak születése, fejlesztése és jövője



Mukogawa Bridge

2020.04.27. Shanghai **fib COM 9 „Dissemination of knowledge”**



2020.06.05-06. Oslo Presidium Meeting

2020.08.26-28. Paris **13th International PhD Symposium in Civil Engineering _ Online**
Szekcióelnök

2020.10.08-11 Lausanne MC2020, **fib** Technical Council + **fib** General Assembly

2020.11.22-24 Shanghai **fib** Symposium
Szekcióelnök – Keynote Session

Juhász Károly Péter – Scahul Péter

FRC Numerical Competition

Sólyom Sándor

2020.08.26-28. Paris **13th International PhD Symposium in Civil Engineering _ Online**
Kapcsolattartás YMG

Várdai Attila

Konzultációk

4. Central European Congress on Concrete Engineering (CCC)

(CCC Member Countries: Ausztria + Csehország + Horvátország + Lengyelország,
Magyarország)



1. Konferencia: Graz, 2005. szept. 8-9.
2. Konferencia: Hradec Kralove, Csehország, 2006. szept. 21-22.
3. Konferencia: Visegrád, Magyarország, 2007. szept. 17-18.
4. Konferencia: Opatija, Horvátország, 2008. okt. 2-3.
5. Konferencia: Baden, Ausztria, 2009. szept. 24-25.
6. Konferencia: Marianske Lazne, Csehország, 2010. szept. 30-okt. 1.
7. Konferencia: Balatonfüred, Magyarország, 2011. szept. 22-23.
8. Konferencia: Plitvice Lakes, Horvátország, 2012. okt. 4-6.
9. Konferencia: Wroclav, Lengyelország, 2013. szept. 4-6.
10. Konferencia: Liberec, Csehország, 2014. okt. 1-2.
11. Konferencia: Hainburg, Ausztria, 2015. október 1-3.

12. Konferencia: **Tokaj, 2017. aug. 31 – szept. 1.**

13. Konferencia: **Zakopane, 2021. szept. 2-3. – Hamarosan infot
küldünk**

www.fib.bme.hu

Magyar Tagok a *fib* Commission-okban és Task Group-okban



Dr. Balázs L. György Presidium Invited.
General Assembly,
Technical Council,

T2.1, T2.3, T4.1, TG 5.1, **COM9 (Chairman)**,
COM10
fib Awards for young engineers (zsűri tag)

Juhász Károly

T2.4 WG2.4.2

Dr. Kovács Tamás

General Assembly (Deputy Delegate)

Dr. Lublóy Éva

T2.3, T 4.1

Dr. Madaras Gábor

General Assembly, COM8

Magyar János

General Assembly (Deputy Delegate)

Sólyom Sándor

T5.1, COM9 (Secretary), YMG Board Member

Várdai Attila

T3.2, T3.4

| | |
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| Commission 2 Analysis and design | Balázs L. György |
| Task Group 2.1: Serviceability models | Balázs L. György |
| Task Group 2.3: Fire design of concrete structures | Balázs L. György Lublóy Éva |
| Task Group 2.4: Computer-based modelling and design WG 2.4.2 Modelling of Fibre Reinforced Concrete | Juhász Károly |
| Task Group 2.5: Bond and material models | Balázs L. György |
| Task Group 3.2: Existing concrete structures: Modelling of structural performance of existing structures | Várdai Attila |
| Task Group 3.4: Selection and implementation of interventions / through-life management activities and measures for concrete structures | Várdai Attila |
| Task Group 4.1: Fibre-reinforced concrete | Balázs L. György Lublóy Éva Szabó Zsombor |
| Task Group 5.1: FRP (Fibre Reinforced Polymer) reinforcement for concrete structures | Balázs L. György Sólyom Sándor |
| Commission 8 Structural service life | Madaras Gábor |
| Commission 9 Dissemination of knowledge | Balázs L. György, Chairman Sólyom Sándor, Secretary |
| Commission 10 fib Model Codes | Balázs L. György |
| Young Members Group | Sólyom Sándor |

VASBETONÉPÍTÉS

CONCRETE STRUCTURES

JOURNAL OF THE HUNGARIAN GROUP OF fib

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DR. KAUSAY TIBOR –
DR. NEHME SALEM G. –
DR. BALÁZS L. GYÖRGY

**A BETONOK FAGY- ÉS
OLVASZTÓSÓ-ÁLLÓSÁG-VIZS-
GÁLATI HÁMLÁSÁNAK
LASSULÁSI FOLYAMATA**

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VARDAI ATTILA

**MEGÉPÜLT VASBETON-
SZERKEZETEK
MEGBIZHATOSÁGI ÉRTÉKELÉSE
A fib BULLETIN 80 ALAPJÁN**

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DR. JUHÁSZ KÁROLY PÉTER

**ACÉL- ÉS SZINTETIKUS
MAKRO SZÁLAK ORIENTÁCIÓJA
SZÁLERŐSÍTÉSŰ BETONBAN**

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SZEMÉLYI HÍREK

ALMÁSI JÓZSEF KÖSZÖNTÉSE
80. SZÜLETÉSNAPJA ALKALMÁBÓL
GUZMIĆS JÁNOS KÖSZÖNTÉSE
70. SZÜLETÉSNAPJA ALKALMÁBÓL
SOLymossy IMRE KÖSZÖNTÉSE 70.
SZÜLETÉSNAPJA ALKALMÁBÓL
HAMZA ISTVÁN KÖSZÖNTÉSE
75. SZÜLETÉSNAPJA ALKALMÁBÓL
DR. DULÁCSKA ENDRE KÖSZÖNTÉSE 90.
SZÜLETÉSNAPJA ALKALMÁBÓL

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5.5.10.

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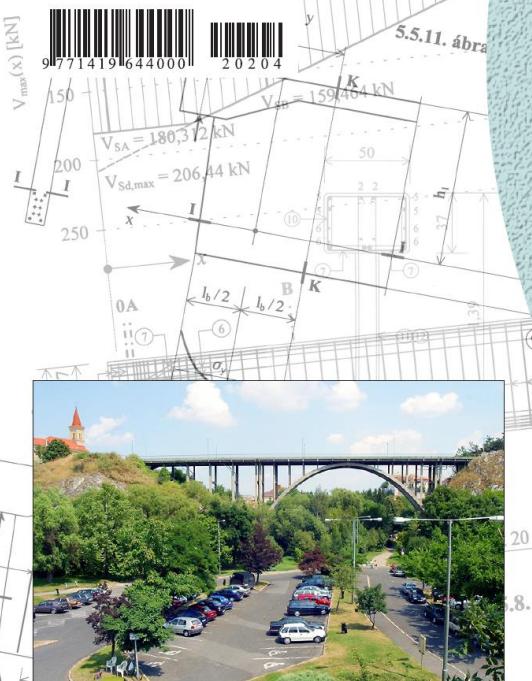
VASBETONÉPÍTÉS

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5.5.11. ábra



DR. TÓTH ERNŐ

HAZAI VASBETON HÍDJAINK 100 ÉVÉNEK (1990-IG) ESZTÉTIKAI ÁTTEKINTÉSE

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KANIZSÁR SZILÁRD

CPRF-SZERKEZET ÁGYAZÁSI- ÉS RUGÓ-MEREVSÉGEINEK MEGHATÁROZÁSA KLASZ- TERANALÍZIS SEGÍTSÉGÉVEL

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66. SZÜLETÉSNAPJA AL-
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TÁPAI ANTAL KÖSZÖNTÉSE 80.
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2020/4

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Staying informed about the *fib*



■ *fib-news*

- Quarterly newsletter published in the *fib's Structural Concrete* journal

■ e-newsletter

- Sent by e-mail every 6 weeks

■ Follow-us on social media

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The screenshot shows the fib-news e-newsletter from November 2015. The header includes the fib logo and the text "fib-news". It features a main article titled "fib MC2020: The story so far" with a sub-section "2020". The article discusses the history of developing a model code for concrete structures, mentioning the formation of the fib Model Code Group in 2010 and the first meeting in 2011. It highlights the work of the fib Model Code Committee, which developed the first draft of the fib Model Code for Concrete Structures (MC2015) in 2015. The newsletter also includes a sidebar with news items like "ib Model Code 2020", "ib Symposium Cape Town Abstract Deadline Approaching", and "ib Model Code 2020". There are also sections for "ib News" and "ib Events". A photo of a group of people is shown at the bottom.

Website: www.fib-international.org
e-mail: info@fib-international.org

Staying informed

Website:

www.fib-international.org

e-mail: info@fib-international.org



The International Federation for Structural Concrete

The fib (International Federation for Structural Concrete), formed by 43 national member groups and approximately 1,000 individual or corporate members, is a not-for-profit association committed to advancing the technical, economic, aesthetic and environmental performance of concrete structures worldwide.

Latest News

2017 fib Presidium

Hugo Corres Peiretti (Spain) of FHECOR Ingenieros Consultores will be president of the fib from 1 January 2017 to 31 December 2018.

Read more ...

High tech concrete: Where technology and engineering meet!

The next fib Symposium "High-tech

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Latest Publication

Partial factor methods for existing concrete structures

CHF100.00

Add to Cart

fib Model Code for Concrete Structures 2010

fib Model Code for Concrete Structures 2010

In October 2013, the hardcover and e-book editions



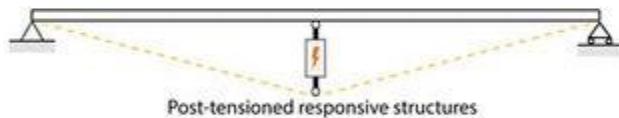
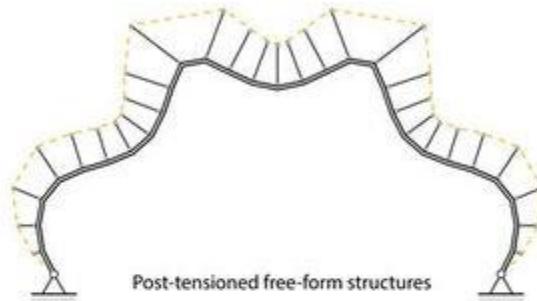
Young
Members
Group



Hungary

The *fib* International Young Members Group

- Separate presentation
- Election of Chair of fib YMG HU



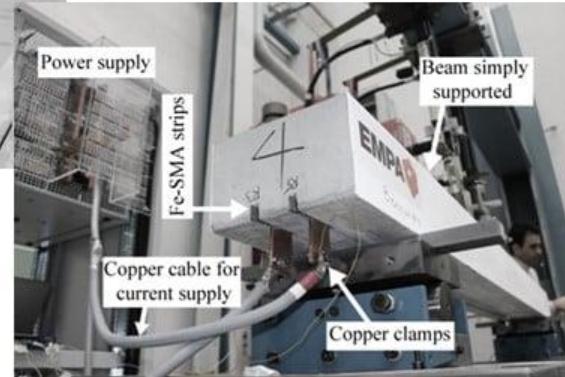
POST-TENSIONING FOR STRUCTURAL INNOVATION: AN OVERLOOKED PERSPECTIVE

fib Young Members Group International
Online Webinar series

December 3, 2020
18:00-19:30 CET
Webinar + Q&A



Leonardo Todisco
Universidad Politécnica de Madrid,
Spain

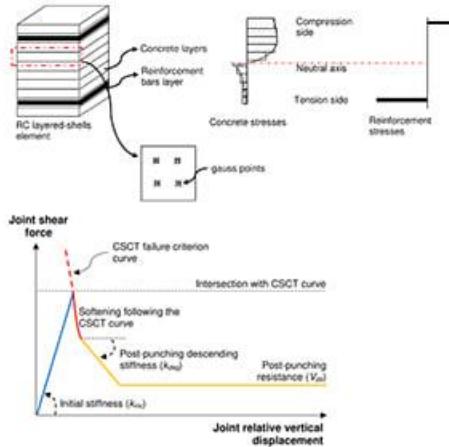
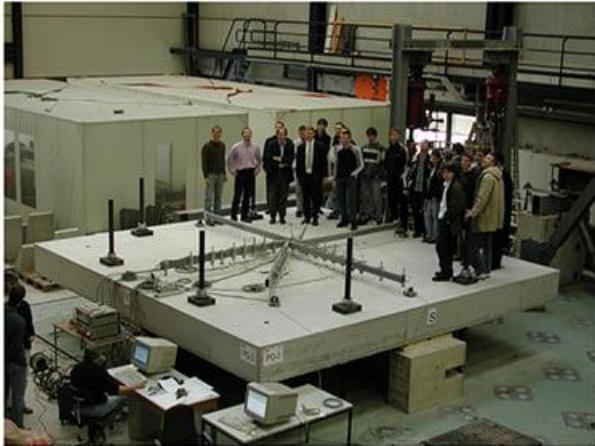


Moslem Shahverdi
Swiss Federal Laboratories for
Material Science and Technology,
Empa

DEVELOPMENT AND APPLICATION OF AN IRON-BASED SHAPE MEMORY ALLOY IN CIVIL ENGINEERING STRUCTURES

fib Young Members Group International
Online Webinar series

November 4, 2020
17:00-18:30 CET
Webinar + Q&A



Andri Setiawan
EPFL, Switzerland

EFFICIENT STRATEGY FOR MODELLING PUNCHING FAILURE OF FLAT SLABS

fib Young Members Group International
Online Webinar series

October 29, 2020
17:00-18:30 CET
Webinar + Q&A



STRENGTHENING OF EXISTING STRUCTURES WITH HIGH-PERFORMANCE CEMENT COMPOSITES

fib Young Members Group International
Online Webinar series

October 15, 2020
17:00-18:30 CET
Webinar + Q&A



Marta Del Zoppo
University of Naples Federico II,
Italy



DEVELOPMENT OF AN IN-SITU LUNAR CONCRETE

fib Young Members Group International
Online Webinar series

September 17, 2020
17:00-19:00 CET
Webinar + Q&A



Peter Collins
Penn State, USA



Patrick Valeri
Switzerland

TEXTILE REINFORCED CONCRETE: MATERIAL, MODELLING & APPLICATION POTENTIAL

fib Young Members Group International
Online Webinar series

July 30, 2020
18:00-20:00 CET
Webinar + Q&A



RECYCLED AGGREGATE CONCRETE: FROM RESEARCH TO PRACTICE

fib Young Members Group International
Online Webinar series

July 9, 2020
17:00-19:00 CET
Webinar + Q&A



João Pacheco
c⁵lab, Portugal



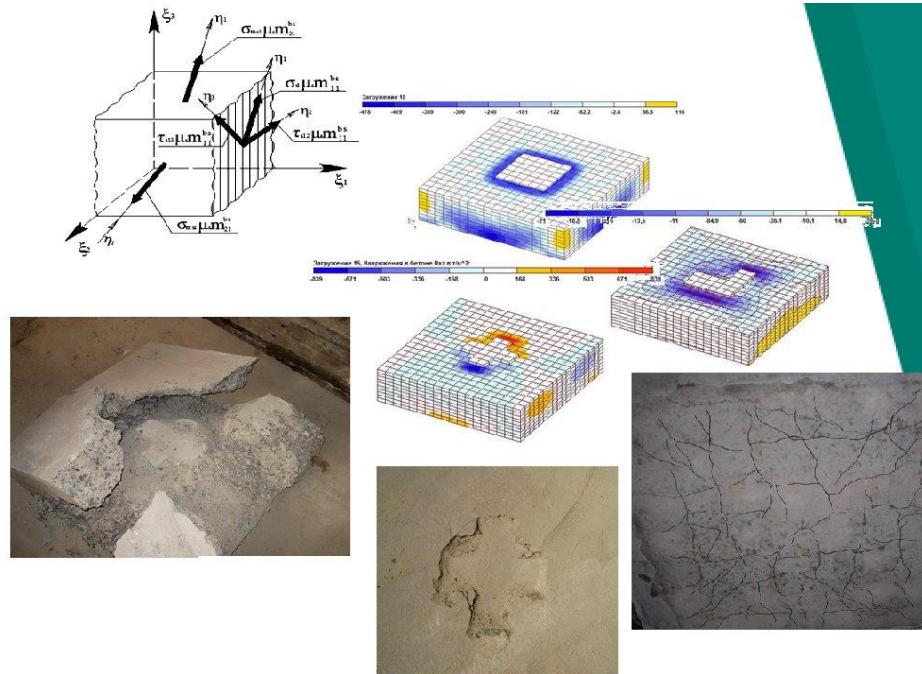
Nikola Tošić
UPC, Spain



Young
Members
Group



**fib NATIONAL
GROUP**



**VLAD
SHEKHOVTSOV**

UKRAINE

PUNCHING SHEAR STRENGTH OF REINFORCED CONCRETE SLABS BY VARIOUS GEOMETRY PUNCHES

fib Young Members Group International
Online WEBINAR *series*

18/06/2020

Young Members Group: Events



fib YMG Serbia Workshop



fib YMG Serbia Workshop

fib YMG Russia



***Please, form your fib
Young Member Group:
fib-UAE YMG***

fib YMG Indonesia



fib YMG Ukraine



fib YMG Ukraine meeting

Köszönjük az
együttműködést

Thank you for your
collaboration