Concrete Offers for Period of Economic Recovery

Final Invitation

www.cbsbeton.eu/ccc2014
## CONGRESS PROGRAMME AT A GLANCE

<table>
<thead>
<tr>
<th>TIME</th>
<th>1 OCTOBER 2014</th>
<th>2 OCTOBER 2014</th>
</tr>
</thead>
<tbody>
<tr>
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<td>MAIN HALL</td>
<td>MAIN HALL</td>
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<td></td>
<td>GALLERY (1st floor)</td>
<td>GALLERY (1st floor)</td>
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<tr>
<td>08:00–09:00</td>
<td>Registration</td>
<td></td>
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<tr>
<td>09:00–09:15</td>
<td><strong>OPENING CEREMONY</strong></td>
<td><strong>SESSION T1: ADVANCED STRUCTURAL SYSTEMS AND TECHNOLOGIES IN BUILDINGS, INDUSTRIAL AND WATER CONSTRUCTION</strong></td>
</tr>
<tr>
<td>09:15–10:30</td>
<td>SESSION W1: KEYNOTE SPEECHES</td>
<td>09:00–11:00</td>
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<tr>
<td>10:30–11:00</td>
<td>Morning coffee break</td>
<td>11:00–11:30</td>
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<tr>
<td>11:00–11:40</td>
<td>SESSION W2: KEYNOTE SPEECHES</td>
<td>11:30–13:30</td>
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<tr>
<td>11:40–12:40</td>
<td>NEW PROJECTS IN THE CENTRAL EUROPEAN INFRASTRUCTURE NETWORK</td>
<td>11:00–11:30</td>
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<td></td>
<td>CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</td>
<td>11:30–13:30</td>
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<tr>
<td>12:40–14:00</td>
<td>Lunch break</td>
<td>13:30–14:00</td>
</tr>
<tr>
<td>14:00–15:45</td>
<td>SESSION W3: CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</td>
<td><strong>CONGRESS CLOSING</strong></td>
</tr>
<tr>
<td>15:45–16:05</td>
<td>Afternoon break</td>
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<tr>
<td>16:05–18:00</td>
<td>SESSION W4: CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</td>
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<tr>
<td>19:30–20:00</td>
<td>TRANSPORT TO JEŠTĚD</td>
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<tr>
<td>20:00–24:00</td>
<td>SOCIAL EVENING</td>
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It is a great honour and pleasure for me to invite you on behalf of the Czech Concrete Society and on behalf of the Czech national member group of fib to the 10th Central European Congress on Concrete Engineering, which is organized by five countries – Austria, Hungary, Croatia, Poland and Czech Republic. This Congress is already the 10th continuation of the successful series of events, which was started in 2005 in Graz. It will be held in Liberec, nice regional centre of the northern Bohemia located at the hilly country under the peak Ještěd with a tower and marvellous view to the city and mountains in surroundings.

Crisis which met Europe in recent years required to make significant changes in building industry. The competition increased and it was necessary to face the strong pressure from the clients and to offer structures which are cheaper, but in contrary, which have technical parameters higher than ever before. A sustainable development requires to emphasize in particular the durability and low energy consumptions in buildings and also in engineering structures. The new technologies are developed in co-operation with Universities and research institutions more closely than it used to be in the period of the building boom at the first decade of the 21st century. The ultra high performance concrete becomes more often and the design guidelines are still not available in many countries. The new Model Code fib which was published in the last year shows what is necessary to take into account in the new edition of Eurocodes, which is planned for next years.

The technical program was composed of presentations covering the new structures, assessment of existing structures and their rehabilitation, new technologies and interesting results of research activities preferably in European countries. Social evening will take place at the extremely interesting place – transmission tower at the mountain Ještěd – which was evaluated as a structure of the 20th century in the Czech Republic.

The Czech Concrete Society, the Czech national fib group and all the member countries have a pleasure to invite you – the clients, consultants, contractors, researchers, academics and last but not least students to take part at this in the scale of Europe regional but international event, which gives to you the opportunity for exchange of technical knowledge and experience and also for general discussions.

I look forward to meeting you in Liberec in Oct. 1-2, at the jubilee 10th Congress of Central European countries.

Prof. Jan L. Vítek, Ph.D., C.Eng.,FEng.
Vice-President of the Czech Concrete Society
Chairman of the 10th CCC Scientific Committee

PRINCIPAL AIM

Starting in 2008–2009, almost all Central European construction markets have been undergoing a considerable downturn and a slump in prices and demand. This sometimes sore process, which came in connection with the Global financial crisis in 2007-2008 and the European sovereign-debt crisis, is accompanied by system changes, an intensive searching for new ways out, and by new promising developments in many respects – also in the field of an efficient use of concrete and the construction industry in the Central European region.

The main purpose of the 10th CCC Congress LIBEREC 2014 is to present and discuss what concrete and concrete structures can offer for a urgently awaited period of economic recovery. The main attention of the congress speakers and participants will be paid to inspiring structures which meet the demands of new economic conditions. Exchange of experience and practice in design and technology of affordable and energy saving concrete buildings and constructions will belong among the principle objectives of the congress. Some experience from outside the CCC countries form a part of the technical program.

Doc. Ing. Jiří Kolísko, Ph.D.
President of the Czech Concrete society
The 10th Central European Congress on Concrete Engineering LIBEREC 2014 is hosted by the Czech Concrete Society (CBS) (Czech national member group of fib)

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CONGRESS SECRETARIAT
Czech Concrete Society
Samcova 1
110 00 Prague 1
Czech Republic
Tel.: +420 222 316 195, +420 605 325 366, +420 775 124 100
Fax: +420 222 311 261
Email: ccc2014@cbsbeton.eu
www.cbsbeton.eu/ccc2014
The four founding countries – Austria, Croatia, Hungary and the Czech Republic and Hungary – decided in 2004 to collaborate more closely and to launch the CCC as a forum for an annual cross-border exchange of experience among principals, authorities, contractors, design engineers and academics in the field of construction materials and technology, concrete structures and civil engineering, as well as applied research and development. In 2012, Poland was accepted as the fifth CCC Initiative member country. The jubilee 10th CCC LIBEREC 2014 will already be the second event in the third lap of CCC congresses which are organized annually in one of the CCC member countries: 1st (Graz 2005, Hradec Králové 2006, Visegrád 2007, Opatija 2008), 2nd (Baden 2009, Mariánské Lázně 2010, Balatonfüred 2011, Plivice Lakes 2012), 3rd (Wrocław 2013, Liberec 2014).

The next CCC event will be the 11th CCC Congress in Hainburg, Austria, entitled Innovative Concrete Technology in Practice, which is already under preparation (8 – 9 October 2015). The host association will be the Austrian Society for Construction Technology (ÖVB).

**DATE AND PLACE**

10th CCC Congress LIBEREC 2014 will be held on 1 – 2 October 2014
at The Regional Gallery in Liberec, Masarykova 723/14, 460 01 Liberec
50°46’25.756”N, 15°4’4.069”E

**CONGRESS VENUE**

– THE REGIONAL GALLERY IN LIBEREC

The history of The Liberec Regional Gallery is linked with the foundation of North Bohemian Museum, which on its opening in 1873 was the first museum of its kind in the Czech lands. The collection of largely regional fine art paintings of the North Bohemian Industrial Museum, as it was named from 1883, was enriched significantly in 1904 by the addition of over 200 works dedicated to the museum by Henrich von Liebieg. Other important acquisitions were added in 1918 (Dr. Anton Randa’s collection of prints) and in 1927 (Ferdinand Bloch’s collection of drawings and paintings). In 1946, the collection of paintings was placed in the former Neo-Renaissance villa of Johan Liebieg the younger, built between 1870 and 1872 in the immediate vicinity of the Liberec Chateau. This physical separation was confirmed legally in 1953. Since then, the Regional Gallery in Liberec has undergone many administrative changes, the last of them being in 2001, when it became the only collection-creating gallery/art museum in the Liberec region – in terms of the number of collection pieces, it is among the five largest in the Czech republic.

It excels among other institutions not only in its high-quality collection of 20th century Czech art, but also in the overlap with other European art, for example 19th century Austrian and German paintings or 19th century French landscape paintings, among others, it owns a unique collection of Eugène Boudin paintings, which is one of the largest collections outside France There are also European prints from the Renaissance to the 18th century represented in the gallery collections. Despite undergoing several partial reconstructions, the building of the former Liebeg Palace that served the gallery for 97 long years has proven to be inadequate in certain respects. With the successful completion of the project for the reconstruction and revitalization of the building of the former town spa, the gallery managed to acquire a residence that conforms to strict European standards for the preservation and exhibition of art works, and where there will be many new services prepared for the visitors, including a library and a research room. The exclusive and also rather original exhibition space can be used occasionally for the cultural and social events, all in the generous space of four floors. The Regional Gallery in Liberec, with its new visual style, is becoming a modern institution for the 21st century.
The North Bohemian district town of Liberec is located in the valley between the Ještěd Ridge and the Jizera Mountains. Its history goes back to the times of merchant paths leading through this area. Liberec was gradually established as an open market settlement and it was this fact which determined the character of the town. During the 15th and early 16th centuries this small settlement gradually changed into a feudal town, its rights were confirmed in writing by Emperor Rudolf II in 1577. The end of the 16th century brought exceptional development to the town. The first stone edifices were built then and for a long time characterized the town. The beginning of the 19th century saw the growth of the textile industry in Liberec which brought about the development of industrial architecture. The town acquired an independent status. At that time, many representative edifices were built and lent the town a majesty corresponding to its importance – Liberec used to be, after Prague, the second biggest town in Bohemia. There were three consulates, 50 textile factories, and 60 factories associated with the metal industry, amongst which there were also those producing RAF cars.

Nowadays, Liberec offers many interesting sites. In the centre, there are many buildings which are the pride of the town – for example, the town hall, built in neo-renaissance style and finished in 1893, a symbol of wealth and the economic as well as cultural development of the town. A museum, chamber of commerce and a building society originating from 1901-02, with their grandeur and clarity of style, form the jewels of the historical part of the town.

Liberec is sometimes called “the town under Ještěd,” the peak of which, rising to 1012 m, is crowned by a modern tower which has become a dominant feature of the town. The project for this original construction in the shape of a rotating hyperboloid was designed by the architect Karel Hubáček and awarded the prestigious Perret’s prize. The building, housing a communications tower and a hotel with a restaurant, was opened on 21 September 1973, and has become a symbol of the remarkable town which lies underneath.

USEFUL LINKS
Municipal website of Liberec
http://visit.liberec.cz/en
http://www.czechtourism.com/t/liberec/

LIBEREC
CONGRESS THEMES

- Keynote speeches
- New projects in the Central European infrastructure network
- Concrete structures corresponding to present-day economic conditions
- Advanced structural systems and technologies in buildings, industrial and water construction

POSTER SESSION

Since the number of submitted abstracts has been much greater than the space available for oral presentation, the Congress offers the floor for Poster Presentations. Time will be reserved and specified for that Poster Session in the Final Programme. The authors are then expected to be present at the poster location to answer questions from Congress participants. There are more than 20 posters expected in the Poster Session. Full papers to all of them will be printed in both the Congress Proceedings + CD.

All the exhibited posters will be judged by an appointed Congress Poster Jury and the best of them will be awarded during the Congress Closing ceremony.
## CONGRESS PROGRAMME

**WEDNESDAY, 1 OCTOBER 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
</tr>
</thead>
</table>
| 09:00 – 9:15 | OPENING CEREMONY  | Opening of the Congress  
Jiří Kolísko (Czech Concrete Society, Czech Republic)  
Speech of welcome on behalf of the town of Liberec  
Michal Števula (Czech Concrete Society, Czech Republic)  
Invitation to the 11th CCC Congress Congress in Hainburg, Austria 2015  
Michael Pauser (Austrian Society for Construction Technology (OVB)) |
| 09:15 – 10:30 | SESSION W1: KEYNOTE SPEECHES |  
Reconstruction of the Bath in Liberec  
Jiří Buček (Sial, Czech Republic)  
Port DUNAVECSE practical reuse and extension of former auxiliary structures,  
(1571+890 – 1572+250 km section on the left side of river Danube)  
Gábor Alajos Molnár, Balázs Karkiss (KESZ Ltd., Hungary)  
Realtime Monitoring of the Compressive Strength Development of concrete  
Alexander Reinisch (Doka Industrie GmbH, Austria)  
Dynamic behaviour of footbridges with concrete decks  
Pawel Hawryszkow (Wrocław University of Technology, Poland) |
| 10:30 – 11:00 | Coffee break      |                                                                         |
| 11:00 – 12:40 | SESSION W2: KEYNOTE SPEECHES |  
Beauty as a form of structural influence  
Jure Radič, Marija Kušter Marić, Jelena Bleiziffer  
(University of Zagreb – Faculty of Civil Engineering, Institute IGH, Croatia)  
Cable-stayed footbridge with segmental UHPC deck  
Milan Kalny, Václav Kvasnička, J. Komanec, Robert Brož, P. Koukolík, Jan L.Vítek  
(Pontex s.r.o., Metrostav a.s., Czech Republic) |
<table>
<thead>
<tr>
<th>SESSION W2: NEW PROJECTS IN THE CENTRAL EUROPEAN INFRASTRUCTURE NETWORK</th>
</tr>
</thead>
</table>
| Prestressed concrete cantilever beam bridges in Poland  
**Robert Toczkiewicz**, Jan Biliszczuk, Hanna Onysyk  
(Research & Design Office Mosty-Wrocław, Poland) |
| New troja bridge in prague – structural analysis during construction process  
**Lukáš Vráblík** (Novak&Partner, Ltd., Czech Republic) |

<table>
<thead>
<tr>
<th>SESSION W2: CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</th>
</tr>
</thead>
</table>
| First post-tensioned concrete bridges in Poland  
**Jerzy Onysyk**, Jan Biliszczuk (Wroclaw University of Technology, Poland) |

12:40 – 14:00 Lunch break

<table>
<thead>
<tr>
<th>SESSION W3: CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</th>
</tr>
</thead>
</table>
| Shaping and material characteristics of motorway viaducts built in the 1930s  
**Jerzy Onysyk**, Wojciech Barcik (Wroclaw University of Technology, Poland) |
| Challenges in the assessment of existing concrete bridges  
**Roman Lenner**, Manfred Keuser, Thomas Braml  
(University of Bundeswehr, Germany) |
| Recent tasks and requirements to computer analysis of concrete structures  
**Radomír Pukl**, Tereza Sajdlova, Jitka Mikolásková, Dobromil Pryl, Petr Kabele, Petr Havlásek (Červenka Consulting, s.r.o., Czech Republic) |
| Modelling of Sentab type high pressure water pipes after deterioration  
**György L. Balázs**, Olivér Czoboly, Eva Lublóy, Péter Zimmer  
(Budapest University of Technology and Economics, Hungary) |
| Assessment of durability of a bridge on polish-czech border constructed with the use of an incremental launching technology  
**Marek Salamak**, Andrzej Radziecki, Stefan Pradelok (Silesian University of Technology, Poland) |
| Improved method of 3d analysis of bridges with changes of structural systems affected by rheological phenomena  
**Lukáš Kadlec**, Vladimír Křístek (Technical University of Prague, Czech Republic) |
## CONGRESS PROGRAMME

**WEDNESDAY, 1 OCTOBER 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:45 – 16:05</td>
<td>Coffee break</td>
</tr>
<tr>
<td>16:05 – 18:00</td>
<td><strong>SESSION W4: CONCRETE STRUCTURES CORRESPONDING TO PRESENT-DAY ECONOMIC CONDITIONS</strong></td>
</tr>
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<td></td>
<td><strong>Framework for life cycle assessment of engineering structures</strong>&lt;br&gt;<strong>H. Grossberger, K. Bergmeister, A. Strauss</strong>&lt;br&gt;(University of Natural Resources and Life Sciences, Austria)</td>
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<tr>
<td></td>
<td><strong>Numerical models and experiments on double floor elements in bending</strong>&lt;br&gt;<strong>Attila Puskas, Raul Zagon, Mihai Bindea, Henriette Szilagyi, Ofelia Corbu, Cornelia Baera</strong>&lt;br&gt;(Technical University of Cluj-Napoca, Romania)</td>
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<td><strong>Sustainability in tunneling - Co2 –balances derived from investigations concerning the Brenner Basis Tunnel Project</strong>&lt;br&gt;<strong>Manfred Keuser, Konrad Bergmeister, Juliane Otto, Hannes Lückmann</strong>&lt;br&gt;(Universität der Bundeswehr, Germany, Universität für Bodenkultur, Austria)</td>
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<td><strong>Rehabilitation of the main collector sewer in Budapest</strong>&lt;br&gt;<strong>Kálmán Koris, István Bódi</strong>&lt;br&gt;(Budapest University of Technology and Economics, Hungary)</td>
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<td><strong>Structural safety and cost optimization for linings exposed to fire</strong>&lt;br&gt;<strong>R. Van Coile, R. Caspeele, K. Bergmeister, A. Strauss</strong>&lt;br&gt;(University of Natural Resources and Life Sciences, Institute for Structural Engineering, Austria, University Ghent, Belgium)</td>
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<td><strong>Investigation of dynamical properties of cable stayed bridges</strong>&lt;br&gt;<strong>Pawel Hawryszkow</strong>&lt;br&gt;(Wroclaw University of Technology, Poland)</td>
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<td></td>
<td><strong>Long-term deformation of SRC column</strong>&lt;br&gt;<strong>Gyeong-Hee AN, Jin-Keun KIM</strong>&lt;br&gt;(KAIST, Republic of Korea)</td>
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<tr>
<td>19:30 – 20:00</td>
<td>Transport to Ještěd</td>
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<tr>
<td>20:00 – 23:00</td>
<td>Social Evening – Ještěd, Liberec</td>
</tr>
</tbody>
</table>
### CONGRESS PROGRAMME

**THURSDAY, 2 OCTOBER 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00 – 11:00</td>
<td><strong>SESSION T1: ADVANCED STRUCTURAL SYSTEMS AND TECHNOLOGIES IN BUILDINGS, INDUSTRIAL AND WATER CONSTRUCTION</strong></td>
</tr>
</tbody>
</table>
|            | Three or four-point bending tests for identification of material characteristics of fiber reinforced concrete  
*Martin Kovář*, Marek Foglar, Vladimír Křístek  
(Technical University of Prague, Czech Republic) |
|            | Strengthening of structures by TRC as a contribution to resource conservation using the example of columns  
*Regine Ortlepp* (Leibniz Institute of Ecological Urban and Regional Development, Germany) |
|            | Eurocode Design of Composite Concrete Beams  
*Jaroslav Navrátil* (IDEA RS, Czech Republic) |
|            | Collection of experimental concrete test data for model calibration and validation + Comparison of concrete models based on a large collection of tests  
*Roman Wendner*, Jan Vorel, Marco Marcon, Gianluca Cusatis, Alberto Sandini, Jan Vorel, Jovanka Smith (Christian Doppler Laboratory LiCRoFast, Austria) |
|            | **Shrinkage strain in thick concrete elements**  
*Jan L. Vítek*, David Čítek, Jiří Kolisko  
(Metrostav a.s., Czech Republic) |
|            | **Measurement of shrinkage on concrete specimens**  
*Thomas Zimmermann*, Alfred Strauss, David Lehký, Drahomír Novák  
(University of Natural Resources and Life Sciences, Institute for Structural Engineering, Austria, Brno University of Technology, Czech Republic, Vienna University of Technology, Austria) |
|            | **Nonlinear Analysis of Troja Bridge in Prague**  
*Jan Červenka*, Vladimír Červenka, Jan L. Vítek  
(Červenka Consulting, s.r.o., Metrostav a.s., Czech Republic) |
| 11:00 – 11:30 | Buffet break |

### CONGRESS PROGRAMME

**THURSDAY, 2 OCTOBER 2014**

<table>
<thead>
<tr>
<th>11:30 – 13:30</th>
<th>SESSION T2: ADVANCED STRUCTURAL SYSTEMS AND TECHNOLOGIES IN BUILDINGS, INDUSTRIAL AND WATER CONSTRUCTION</th>
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<tbody>
<tr>
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<td>Precast sandwich panel – innovative way of construction</td>
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<tr>
<td></td>
<td>Marina Alagušić, Ivana Banjad Pečur, Ivana Carević, Bojan Milovanović (Faculty of Civil Engineering, University of Zagreb, Croatia)</td>
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<td></td>
<td>Destructive tests of UHPC pretensioned beams</td>
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<td></td>
<td>Jan Tichý, Jiří Kolisko, Milan Kalný (Skanska a.s., Pontex s.r.o., Czech Republic)</td>
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<td>Shear cracks in the thin-wall pre-stressed element</td>
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<td>– numerical and experimental analysis</td>
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<td>Jan Hamouz, Lukáš Vráblík (Technical Univerzity of Prague, Czech Republic)</td>
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<td></td>
<td>Monitoring of fatigue deterioration processes in concrete structures</td>
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<td></td>
<td>S. Urban, K. Bergmeister, A. Strauss (University of Natural Resources and Life Sciences, Institute for Structural Engineering, Austria)</td>
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<td>Shear-friction Behavior of Traditional and Self-Consolidating Concrete in Reinforced Precast Elements with In-situ Concrete Overlay</td>
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<td>Florian Junker, Klaus Holschemacher, Torsten Mueller (Leipzig University of Applied Sciences, Austria)</td>
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<td>Experimental and theoretical flow of the forces in deep beams with cantilever</td>
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<td>Anna Knut, Krystyna Nagrodzka-Godycka, Kamila Zmuda-Baszczyn (Gdansk University of Technology, Poland)</td>
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<td>Identification of the numerical models of concrete bridges in test loading</td>
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<td>Piotr ŁAZIŃSKI, Marek Salamak (Silesian University of Technology, Poland)</td>
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<tr>
<th>13:30 – 14:00</th>
<th>Best Congress Posters Awards</th>
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<td>CLOSING OF THE CONGRESS</td>
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</tbody>
</table>
**GENERAL INFORMATION**

**Congress Registration Form**
Congress registration and reservation for social events have to be made by completing and returning the Congress Registration Form. Please register preferentially on-line via the Congress Website [www.cbsbeton.eu/ccc2014](http://www.cbsbeton.eu/ccc2014). You can also complete and return (by post, by fax or by e-mail) a printed Congress Registration Form which is enclosed to this Final Invitation brochure. Please use this way of registration only if the on-line registration is impossible for you.

Attention: Your payment can be made only via bank transfer, after receiving your invoice. Please write the invoice number and your name in your money order. Without that the identification of your payment may fail.

**Registration Fees**
Registration fees will be charged according to the following table of prices.

<table>
<thead>
<tr>
<th>Registration and payment</th>
<th>Before 31 July 2014</th>
<th>After 31 July 2014</th>
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<tbody>
<tr>
<td>Members of the CCC associations (ČBS, ÖVBB, HDGK, <em>fib</em> Hungary and <em>fib</em> Poland)</td>
<td>300 EUR</td>
<td>350 EUR</td>
</tr>
<tr>
<td>Non-members</td>
<td>350 EUR</td>
<td>400 EUR</td>
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<tr>
<td>Student (*)</td>
<td>125 EUR</td>
<td>150 EUR</td>
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<tr>
<td>Congress dinner</td>
<td>50 EUR</td>
<td>50 EUR</td>
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(*) Up to the age of 26 years, copy of student’s ID required.
All the prices are in EUR, including VAT (21%).

**Fee Entitlements**
Registration fee includes:
- Attendance to all the lecture sessions
- Conference Proceedings and CD
- Conference Bag with set of technical/commercial/travel materials
- Visit to the Congress Exhibition
- Lunch, teas/coffees and refreshment/buffet at breaks

Registration fee does not include:
- **Social Evening on Wednesday (50 EUR)**

**Congress Proceedings and CD**
A set of Congress Proceedings and CD in a special Congress Bag will contain all papers accepted by the Scientific Committee for presentation in technical sessions or in poster sessions. It will be generally distributed to all Congress participants at the time of registration. However, it will be possible to collect it at any time at the open Congress Registration Desk.
Payments of the Congress fee and the Congress dinner have to be made in Euro to the Congress organizer CBS by bank transfer properly in time. We will accept bank transfers just up to 22 September 2014. Please do not pay by bank cheques. Later payments (only in exceptional cases) have to be made by cash at the registration desk at the Congress.

**Bank connection details will be indicated in the Invoice.**
Please do not forget to write at the money order: (a) your Invoice number, (b) Your name as a reference to your payment! Please note that all banking fees have to be settled by the remitter.

**Confirmation of Registration**
Confirmation of registration will be sent to you by the Congress Secretariat upon receipt of payment as soon as practicable. The confirmation letter will contain your registration number. Please present this confirmation letter and your registration number at the Congress Registration Desk.

**Cancellation Fees**
Written notification (by post, e-mail or fax) is required for all cancellation/changes. Following cancellation fees will be applied:
- Cancellation before 30 July 2014: no charge
- Cancellation after 30 July and before 10 September 2014: 25%
- Cancellation after 10 September and before 20 September 2014: 50%
- Cancellation after 20 September 2014: 100%

Refunds will be made after the event, by 31 October 2014.

**COMMERCIAL PRESENTATION**
In addition to an attendance at the Congress Exhibition the organizer offers a variety of possible forms of commercial presentations:
- Company advertisement in the Congress Proceedings
- Company logo in Congress halls
- Printed materials of a company inserted into the Congress bags
A technical/commercial exhibition will be organized along the Congress to demonstrate new technologies, materials, products and services. The exhibition will be located on the gallery (1st floor) in the Main Hall (Swimming Pool Hall). All the organizations, individuals and whoever else interested in the exhibition are invited by the Congress Organizers. The exhibition information and the Exhibition Booth Application Form are available on the Congress website.

Exhibition Facilities
Generally, four kinds of exhibition facilities are offered for 10th CCC Congress Exhibition:
- Stands of OCTANORM type (or of your own type), arranged areas of 6 (2x3) m²
- Desks + 2 chairs as a standard
- Panels

Detailed information can be found and any specific type of exhibition facilities can be ordered on the Congress website http://cbsbeton.eu/ccc2014-exhibition. For all interested in 10th CCC Congress Exhibition, the exhibition plan is available there, so you can select a form of your presentation.

Plan of the Congress Area
Congress Language
The official language of the Congress will be English.

Badges
Participants are kindly requested to wear their badges visibly during the Congress to facilitate admission to the lectures and the exhibition.

Passport and Visa
All visitors need a valid travel documents for entry into the Czech Republic, which is a member country of the EU. If a visa is required, please contact your local Czech Embassy or Consulate or check what is needed at www.mzv.cz.

Liability
The organizers do not assume any liability for personal or property losses suffered by Congress participants and accompanying persons.

Currency and Banking Facilities
Current approximate exchange rates (June 2014) of the Czech currency:
1 EUR ….. 27.00 CZK
100 CZK …3.70 EUR
There are many standard facilities to exchange foreign currency for Czech crowns everywhere in the Czech Republic. Many hotels, restaurants and bigger shops accept also payments in EUR.

Registration Desk on-site
The Congress Registration/Information Desk located at the ground foyer of the Gallery at the spa, Regional Gallery Liberec will be open as follows:
■ Wednesday, 1 October 2014 08:00 – 19:00
■ Thursday, 2 October 2014 08:00 – 15:00
PLAN OF LIBEREC AND GALERIE
**Ladies’ Programme**

Accompanying persons are warmly welcome to attend the Congress opening and closing and all the parts of Congress social programme. The region of North Bohemian offers a great variety of cultural and natural wonders which give it an original and attractive flavour. The landscape there is strongly influenced by the Krušné, Jizera and Lužice mountains. The local rock cities are a real gem of natural beauty. Special accompanying persons program will not be organized. Recommendations will be offered upon request.

**Social Evening at the Ještěd**

Wednesday, 1 October 2014, 20:00 – 23:00

Price: 50 EUR

The Congress dinner will be held on Wednesday, 1 October 2014 in an enchanting evening environment of the hotel Ještěd. The unusual structure – the Tower on the peak of Ještěd mountain near the city of Liberec is both, a television tower and a hotel. The registered participants will be transported by busses and by a cable car to the Tower. A short lecture on this architectural monument will be presented after arrival. The organisers believe that the participants will enjoy the Tower and a complete evening program in attractive atmosphere of the peak Ještěd.
HOTEL ACCOMMODATION

Town of Liberec offers a wide choice of hotel and guest house accommodation. There is a pre-reserved accommodation in hotels in Liberec under the password “Concrete/Beton” for the participants of the 10th CCC Congress. Your hotel reservation should be made before 1 September 2014 directly at the hotels chosen by using whatever mentioned contacts. Please use “BETON, CONCRETE” as a motto on reserving the pre-booked rooms. The rooms will be allocated on a “First come, first served” basis. The respective hotels and guest houses are listed below.

List of Pre-booked Hotels
Hotel rates are quoted in EUR, per room, per night, including breakfast and all taxes. Hotel booking can only be guaranteed upon receipt of the respective deposit. For all the hotels below see please [www. http://visit.liberec.cz/en](http://visit.liberec.cz/en)

Contacts to the Hotels

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Address</th>
<th>Phone</th>
<th>E-mail</th>
<th>Web</th>
<th>GPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clarion Grandhotel Zlatý Lev ****</td>
<td>Gutenbergova 3 460 01 Liberec</td>
<td>+420 485 256 700, +420 485 256 426</td>
<td><a href="mailto:reception.ghzl@clarion-hotels.cz">reception.ghzl@clarion-hotels.cz</a></td>
<td><a href="http://www.clariongrandhotelzlatylev.com">www.clariongrandhotelzlatylev.com</a></td>
<td>50°46'7.6&quot;N; 15°03'41.3&quot;</td>
</tr>
<tr>
<td>Hotel Radnice ****</td>
<td>Moskevská 11 460 01 Liberec</td>
<td>+420 485 105 257</td>
<td><a href="mailto:recepce@hotelradnice.cz">recepce@hotelradnice.cz</a></td>
<td><a href="http://www.hotelradnice.cz">www.hotelradnice.cz</a></td>
<td>50°46'1.8&quot;N; 15°03'22.7&quot;</td>
</tr>
<tr>
<td>Hotel Praha ***</td>
<td>Železná 2/1 460 01 Liberec</td>
<td>+420 485 102 655</td>
<td><a href="mailto:info@liberec-hotel.cz">info@liberec-hotel.cz</a></td>
<td><a href="http://www.hotel-praha-liberec.cz">www.hotel-praha-liberec.cz</a></td>
<td>50°46'11.0&quot;N; 15°03'26.7&quot;</td>
</tr>
<tr>
<td>Hotel Liberec ***</td>
<td>F. X. Šaldy 1345/6 460 01 Liberec</td>
<td>+420 482 710 028</td>
<td><a href="mailto:recepce@hotel-liberec.cz">recepce@hotel-liberec.cz</a></td>
<td><a href="http://www.hotel-liberec.eu">www.hotel-liberec.eu</a></td>
<td>50°46'11.0&quot;N; 15°03'39.6&quot;</td>
</tr>
<tr>
<td>Hotel U Jezírka ***</td>
<td>Masarykova 438/44 460 01 Liberec I-Staré Město</td>
<td>+420 482 710 407</td>
<td><a href="mailto:hotel.jezirko@volny.cz">hotel.jezirko@volny.cz</a></td>
<td><a href="http://www.hotelujezirka.cz">www.hotelujezirka.cz</a></td>
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<tr>
<td>Technical university of Liberec – Campus UNIHOTEL Liberec</td>
<td>Voroněžská 1329/13 460 01 Liberec I-Staré Město</td>
<td>+ 420 485 352 211</td>
<td><a href="mailto:unihotel@tul.cz">unihotel@tul.cz</a></td>
<td><a href="http://www.unihotel.tul.cz">www.unihotel.tul.cz</a></td>
<td></td>
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HOTEL ACCOMMODATION
IMPORTANT DATES FOR YOUR DIARY

15 July 2014       Deadline for submission of final papers
31 July 2014       End of “early bird” registration
31 August 2014     Deadline for submission of PR materials for Congress Proceedings
20 September 2014  Deadline for any form of commercial presentation
HAINBURG 2015
The 11th Central European Congress on Concrete Engineering

Innovative Concrete Technology in Practice

Preliminary Invitation and Call for Papers

Host CCC Association
Austrian Society for Construction Technology
office@bautechnik.pro

Congress website
www.CCC2015.at

1 – 2 October 2015
Hainburg, Austria