

Scientific Committee

The scientific committee is formed of International Members of IABSE. The chairman is Prof. Philippe Van Bogaert of the Belgian Group of IABSE, Co-chair is Prof. Jan Rots of the Dutch Group of IABSE.



Organising Committee

The organising committee is formed of local Dutch and Belgian experts of IABSE. Chairman is Mr. Dik-Gert Mans, chairman of the Dutch Group of IABSE and the co-chair is Mr. Dirk Bourlon on behalf of the Belgian Group of IABSE. The secretary is Mr. Dick Staelhorst.



Rotterdam

Rotterdam 'The Gateway to Europe', is the largest harbour in Europe and is the linking pin in the European economic community. The city and its surroundings is known through the centuries for the international outlook to the world. It cherishes a long tradition of unrestricted exchange of ideas. Recent developments show the ambitious image of the city. It offers an international atmosphere.

Transport

Rotterdam is directly connected to the international highspeed trainnetwork with connections to Amsterdam, Brussels, Paris and Frankfurt and their airports. The modern airport of Amsterdam Schiphol offers direct connections to more than 250 cities in more than 100 countries by more than 100 airlines.



Venue De Doelen

De Doelen is located in Rotterdam city centre and is 500 m from Rotterdam Central Station. De Doelen Congress Centre (the Willem Burger Complex) opened less than ten years ago and was designed to accommodate conferences and corporate events. It is characterised by its transparent, spacious and business-like design.

See Booking.com and www.cityguiderotterdam.com



International IABSE Spring Conference

ROTTERDAM MAY 6-8, 2013

Assessment, Upgrading and Refurbishment of Infrastructures



CO-SPONSORS



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International IABSE Spring Conference: May 6-8, 2013

Assessment, Upgrading and Refurbishment of Infrastructures

Preface

The Dutch and Belgian IABSE groups organise May 6-8, 2013 an International Conference dedicated to the very important topic for our society to keep our infrastructure in a good condition. IABSE, the International association for Bridge and Structural Engineering is a scientific/technical Association comprising about 4.000 members in 100 countries, counting 48 National Groups worldwide. Thus IABSE offers the platform for exchange of knowledge, opinions and ideas to explore new ways for this global problem.



The co-operation between scientists and practitioners in IABSE proved to be an enrichment, leading to new ideas and initiatives for over 80 years now.

In the field of construction materials and construction many changes can be noted. For progress nowadays working together in an International context is a must. In a fast changing world the considerable developments and challenges ask for a general and common approach and also bundling of forces. New material and construction types challenge the imagination of designing. The implementation of life cycle design is stimulated by ecological and economical constraints. Infrastructure is not only designed for safety and serviceability, but as well for flexibility and adaptability. Maintenance and upgrading of structures move to the centre of interest.

See: www.iabse2013rotterdam.nl

IABSE agreed upon the organisation of the 2013 Spring Conference dedicated to this subject held in the Netherlands.

Themes and topics of the IABSE Spring Conference 2013

- 1 *Load carrying capacity and remaining lifetime*
 - o Tunnels
 - o Bridges
 - o Port and maritime structures
- 2 *Assessment of structural condition*
 - o Procedures and methods
 - o Effectiveness, loading assessment and decision tools
 - o Monitoring
 - o Sensoring
- 3 *Modernisation and refurbishment*
 - o Change of utilization and conditions of use
 - o Transformation or restoration
 - o Industrial processes, more efficient processes and smart building
 - o Construction in restricted areas and/or under confined conditions
 - o Structures of historic and architectural value
- 4 *Materials and products*
 - o Conservation and repair products
 - o Intelligent materials
 - o Recycling of materials
- 5 *Structural verification*
 - o Bridges
 - o Tunnels
 - o Port and maritime structures



See: www.iabse2013rotterdam.nl

Important dates

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| Submission of abstracts | April 15, 2012 |
| Notification of acceptance of abstracts | June 30, 2012 |
| Submission of full papers | October 15, 2012 |
| Notification of acceptance of full papers | January 15, 2013 |
| Spring symposium | May 6-8, 2013 |

IABSE Dutch Group

The Dutch Group of IABSE unites parties in the Netherlands that are interested in the activities of IABSE. With a total of 55 participants it represents the construction sector. The participation in the activities of IABSE are coordinated. Every two years a special colloquium about a topic in structural design is organised. There is a good co-operation with the Belgian member group. In 2003 the Conference on structures for High Speed Railway Transportation in Antwerp was co-organised with the Belgian Group. The Group participates in IABSE Working Groups and Commissions and its delegates frequently attend IABSE Symposia and Congresses.



IABSE Belgian Group

The Belgian Group of IABSE organised the 3rd IABSE Conference in Liège (1948) and the 1990 Conference on Mixed Structures of IABSE in Brussels and co-organised with the Dutch Group the 2003 Conference on Structures for High-Speed Railway Transportation in Antwerp. It has 64 members and organised the last decades 4 National Workshops (1998, 2000, 2002 and 2007). Construction site visits and an annual meeting of the Group are the principal national activities. The Group also participates in IABSE Working Groups and Commissions and its delegates attend frequently IABSE Symposia and Congresses.



SUPPORTING ORGANISATIONS



See: www.iabse2013rotterdam.nl