



**IABSE**

International Association for Bridge and Structural Engineering

# ENGINEERING FOR PROGRESS, NATURE AND PEOPLE

Preliminary Invitation and Call for Papers

Itaivera de la Reina Bridge. Design: Ramón Sánchez de León (Estudio 3A).  
Photograph: Carlos Hormigos

**37th IABSE Symposium Madrid, Spain, September 3-5, 2014**  
Organised by the **Spanish Group of IABSE**



# INTRODUCTION

*...in perfect union with Nature; however, we cannot forget our engineer goal of controlling it. Nevertheless, landscape beauty and its grandiosity get into contradiction with above attitude due to the fact that the engineer was taken over by nature, till the moment I learnt “natura parendo vincitur”, “to get control of nature but obeying it”. Engineer shall always love nature...*

Carlos Fernández Casado

The above introductory paragraph clearly reflects one of the main aims of the Structural Engineering Community strongly influenced by the diversity and rich nature of our country which drives its creativity in full equilibrium with consistent technical solutions. This diversity shows the path of a particular development reflected over the centuries appreciating life, art and people, as reflected in the title of this IABSE Madrid Symposium “Engineering for progress, nature and people”. This Symposium also provides ample opportunity for authors to contribute interesting papers to the Symposium and stimulating and inspiring topics and sessions for delegates to attend.

Madrid is a blend of tradition and modernity, where history is combined with technology and innovation in a unique manner. Madrid is a lively, majestic and dynamic city, overflowing with art and entertainment, where nobody feels left out.

Culturally, Madrid is one of the most attractive cities in the world, offering a lot to discover: museums, exhibitions, unique art collections, a world re-nowned opera, a varied theatre programme, sports and cultural events, gastronomy, etc. The upshot of this is that not only is Madrid one of the best cities for business, but for culture and leisure too. Madrid has an extraordinary atmosphere, providing the perfect venue for this unique event.

The 37th IABSE Symposium Madrid 2014 will provide engineers, architects, researchers, constructors and clients with a significant and memorable occasion to meet and share experiences with people from all around the world and hearing how they face engineering challenges.

For further information see future announcements and [www.iabse.org/madrid2014](http://www.iabse.org/madrid2014)

## THEMES & TOPICS

The Symposium theme is “Engineering for Progress, Nature and People”. This main theme is supplemented by the following topics:

- Innovative Design Concepts
- Sustainable Infrastructures
- Major Projects and Innovative Structures and Materials
- Analysis
- Forensic Structural Engineering
- Construction
- Operation, Maintenance, Monitoring, Instrumentation
- Education and Ethics
- Cooperation and Development Projects

Papers will be allocated to one of the above topics.

## PUBLICATIONS

The printed Symposium proceedings will contain the one-page abstracts of all papers accepted by the Scientific Committee. The full version will be included on a CD-ROM enclosed with the proceedings, and will be available at the beginning of the Symposium.

Note that authors must register to the Symposium in order to have their papers published in the Symposium Report.

## CALL FOR PAPERS

Participants wishing to present a paper in accordance with the theme and topics are invited to submit a one-page abstract in English using the template available on the Symposium homepage at [www.iabse.org/madrid2014](http://www.iabse.org/madrid2014).

The specific topics addressed by the paper should be indicated.

The abstract must be submitted via the link on the web site. Other methods including hard copy, email or fax submissions will not be accepted.

**Abstracts must be received before August 31, 2013.**

Note that authors of accepted papers are expected to attend the Symposium.

## TIME SCHEDULE

**August 31, 2013**

Deadline for receipt of abstracts

**November 30, 2013**

Notification of acceptance of abstracts

**February 15, 2014**

Deadline for receipt of full papers

**February 28, 2014**

Mailing Final Invitation

**April 15, 2014**

Notification of acceptance of full papers

**August 31 - September 2, 2014**

IABSE Annual Meetings

**September 3-5, 2014**

Symposium dates

## SYMPOSIUM FORMAT

The Scientific Programme will include plenary, concurrent and poster sessions during three days. Keynote and invited speakers will address the Symposium generally in the plenary sessions, and thematic concurrent parallel sessions will be held for the presentation of papers selected by the Scientific Committee from those submitted. Poster sessions will be structured to encourage interaction with the authors.

## STUDENTS AND YOUNG DELEGATES

All delegates born in 1979 or later and students will enjoy reduced registration fees. A special programme for young authors will be arranged at the Symposium, and one or more awards will be given for the best paper presented by a young author. The prizes will be presented at the Closing Session of the Symposium.

## SYMPOSIUM VENUE

The Symposium will take place at the Technological Institute of the University CEU San Pablo in Madrid.

University CEU San Pablo  
Technological Institute  
Campus de Montepríncipe  
E-28668 Boadilla del Monte, Madrid  
SPAIN

## LANGUAGE

The Symposium will be conducted in English, without simultaneous translation.

## SCIENTIFIC COMMITTEE

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Ignacio Payá Zaforteza  
Roberto Revilla Angulo  
Laurent Rus Jenni

## VOLUNTEERS

Students from several Spanish universities are collaborating in the organisation of the Symposium as volunteers. The full list of names will appear in the Final Invitation.

## COMMERCIAL EXHIBITION

An exhibition of relevant products and services will be organised at the symposium venue. Potential exhibitors should contact the Symposium Secretariat for more information.

## IABSE ANNUAL MEETINGS

IABSE Annual Meetings will be held at the University CEU San Pablo, Madrid, from Sunday, August 31 to Tuesday, September 2, 2014.

## TECHNICAL VISITS

Madrid and surroundings have civil infrastructure works that are admired throughout the world. Technical Visits to notable structures either built or under construction will be arranged and offered to all delegates, including accompanying persons.

## ABOUT IABSE



The International Association for Bridge and Structural Engineering was founded in 1929. The mission of IABSE is to promote the exchange of knowledge and to advance the practice of structural engineering worldwide in the service of the profession and society. To accomplish the mission IABSE organises conferences and symposia, publishes journals and other reports, and also presents awards to recognise outstanding achievements in research and practice that advance the profession of structural engineering.

## SOCIAL PROGRAMME

An exciting social programme will be organised for all participants and accompanying persons. The Final Invitation will include details.

## POST-SYMPOSIUM TOURS

Madrid, a tourist city par excellence, has a number of tourist routes, for inhabitants and tourists alike to visit and get to know the city. Several Post-Symposium Tours will be offered. Details will be provided in the Final Invitation.

## FURTHER INFORMATION

All additional inquiries should be addressed to:  
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