

www.steelbridges08.com

Second Announcement 7th INTERNATIONAL CONFERENCE ON STEEL BRIDGES

Guimarães, Portugal
4th to 6th June 2008

organized by:



Aim of the Conference

The 7th International Conference on Steel Bridges follows the tradition of previous ECCS symposiums devoted to steel bridges. The aim is to facilitate the meeting of international participants interested in steel bridges and to highlight recent developments in this field.

All major aspects of steel and composite bridges will be addressed. They include the following topics:

- Aesthetics & architecture
- Assessment and evaluation
- Bridge monitoring
- Bridges for high-speed railways
- Design for durability
- Economic steel bridges
- Emerging technologies
- Fabrication & construction
- Field testing
- Health monitoring
- High performance materials
- Landmark bridges
- New technical and material concepts
- Safety and serviceability
- Seismic behaviour
- Strengthening and rehabilitation
- The use of Eurocodes

Venue

The Conference will be held at the Campus of Azurém of the University of Minho in Guimarães, Portugal. The city of Guimarães is like no other city in Portugal. Its past is so intimately entwined with the History of Portugal that is commonly and proudly referred to as the Cradle of the Nation. The Historic Centre of Guimarães has remained basically unchanged since the 15th century and was declared a World Heritage Site in 2001 by UNESCO, due to its Middle Age historical monuments.

Guimarães was chosen by the Portuguese government to be the European Capital of Culture in 2012.

Delegates

The Conference is addressed to bridge engineers, structural engineering firms, architectural firms, steel producers, steel makers, researchers, general contractors, project owners, representatives from all areas of bridge engineering, consultants, and local authorities working in all aspects of steel and composite bridges.

Language

The official language of the Conference is English.

Publication

A book and a CD-ROM containing the full papers to be presented at the Conference will be given to all delegates. The cost will be included in the Conference fee. Extended versions of selected papers will be considered for publication in a special issue of the Journal of Construction Steel Research, an international peer-reviewed scientific journal published by Elsevier Science, with an impact factor of 0.700 in 2006, as referred by the Journal Citation Reports® 2007, published by Thomson Scientific. For more information about this journal, please visit its homepage at <http://www.sciencedirect.com/science/journal/0143974X>.

Keynote Lectures

Keynote lectures will be dedicated to the design, fabrication and erection of recent steel bridges. The invited keynote speakers are:

- António Reis, Technical University of Lisbon, Portugal
- Francisco Milanés Mato, IDEAM, Spain
- Vincent de Ville de Goyet, Engineering Office Greisch, Belgium
- Jens Jensen, COWI, Denmark
- Abolhassan Astaneh, University of California, Berkeley, USA (to be confirmed)
- Brian West, Maeda-Hitachi-Yokogawa-Hsin Chong, Hong-Kong (to be confirmed)
- Gerhard Sedlacek, RWTH, Germany (to be confirmed)

ECCS Award for Steel Bridges

The European Convention for Constructional Steelwork has pleasure in inviting entries for the European Steel Bridge Award Scheme 2008. The objective is to give European recognition to outstanding bridges in steel and composite structure, emphasizing the many advantages of steel in construction, production, economy and architecture.

The conference program will include a ceremony to announce the recipients of the 1st ECCS Award for Steel Bridges. Medals and certificates will be awarded to the engineer, architect and steelwork fabricator responsible for the design and construction of the winning project.

Operation of the Awards

The Awards are open to steel and composite bridges whose steel structures were fabricated in the Full ECCS member countries. The construction must have been completed and be ready for use within the last three years, in the period between the 31st May of 2005 and the 31st May of 2008. Previous entries are not eligible. Both bridges, footbridges and renovation (major retrofit, expansion or rehabilitation) projects are eligible. A panel of judges comprising prominent representatives of Architecture and Civil Engineering will assess the entries.

Panel of Judges

Bertrand Lemoine, Julio Martinez Calzón, Joel Raoul, L. Simões da Silva, Paulo Cruz and René Maquoi.

The judging panel selects award winners after assessing all entrants against the following criteria:

- To have an internationally recognised standard;
- To be outstanding in its construction;
- To emphasise the advantages of steel in construction, production, economy and architecture;
- To disseminate the knowledge of steel, and to draw attention to its development;
- To improve the image of steel;
- To interest clients, architects and engineers in using more steel within the entire building sector, thereby making the steel industry competitive.

Conference Chairs

- **Paulo J. S. Cruz**
University of Minho, Guimarães, Portugal
- **Luís Simões da Silva**
Portuguese Steelwork Association, Coimbra, Portugal
- **Falko Schroter**
European Convention for Constructional Steelwork

Organizing Committee

- **Paulo Cruz (Co-Chair)**
University of Minho, Guimarães, Portugal
- **Luís Simões da Silva (Co-Chair)**
Portuguese Steelwork Association, Coimbra, Portugal
- **Isabel Valente**
University of Minho, Guimarães, Portugal
- **Duarte Franco**
Portuguese Steelwork Association, Coimbra, Portugal
- **Chris Dolling**
European Convention for Constructional Steelwork

Scientific and Technical Committee

António REIS, GRID, Portugal (Chair)
Tiago ABECASSIS, Tal Projecto, Portugal
António ADÃO DA FONSECA, University of Porto, Portugal
Miguel Angel ASTIZ, Technical University of Madrid, Spain
Ivan BALAZ, Slovak University of Technology, Slovakia
Radu BANCILA, University "Politehnica" Timisoara, Romania
Dias BARATA, Lisconcebe, Portugal
Darko BEG, University of Ljubljana, Slovenia
Jan BIEN, Wrocław University of Technology, Poland
Frans BIJLAARD, Delft University of Technology, The Netherlands
Reidar BJORHOVDE, The Bjorhovde Group, U.S.A.
António CAMPOS E MATOS, University of Porto, Portugal
Bruno CHABROLIN, CTICM, France
Hyo-Nam CHO, Hanyang University, Korea
José Carlos CLEMENTE, REFER - Portuguese Rail Network, Portugal
Peter COLLIN, Luleå University of Technology, Sweden
Paulo CRUZ, University of Minho, Portugal
Luigino DEZI, Technical University of Marche, Ancona, Italy
Chris DOLLING, Corus Construction & Industrial, U.K.
Dan FRANGOPOL, Lehigh University, USA

The judging will take place in March and the Jury's decision will be known before 15th May 2008. The General Secretariat will inform the National Association members which have submitted an entry of the decision.

The Awards

The winner will receive a trophy and the nominees a certificate. The owner of the structures and the architects responsible for the design receive an Award as do the engineers and the steelwork contractors.

The Award will be presented during the 7th International Conference on Steel Bridges that will be held in Guimarães, Portugal, June 4-6, 2008, at the Campus of Azurém of the University of Minho (www.steelbridges08.com).

Submission of Entries

The Full member Associations are entitled to submit more than one entry. The projects have to be sent to the organising association (cmm, Portugal) before the 28th of February 2008. The entries will contain the necessary design drawings, description and photographs of the steel structures in 3 copies. An application form should accompany the entry. The submittal requirements and the application form are available on www.steelbridges08.com. General descriptions and photographs of these projects may be used for publications and articles in the press. Application for a European Steel Bridge Award automatically means agreement that ECCS and/or the full members of ECCS may use the material presented to ECCS for all purposes conform the aim of ECCS.

Deadlines

28th February 2008 – Submission of Entries
30th March 2008 – Jury Decision Notification
15th May 2008 – Finalists Presentation/Movies Submission
6th June 2008 – Awards Ceremony

All correspondence regarding the entries should be addressed to:
CMM - Portuguese Steelwork Association
ECCS AWARDS FOR STEEL BRIDGES 2008
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Karl FRANK, University of Texas-Austin, U.S.A.
Tomi HARJU, Ruukki, Finland
Oliver HECHLER, Arcelor MITTAL Commercial Sections S.A., Luxembourg
Chris HENDY, Atkins, U.K.
Michael HUI, Hong Kong Highways, Hong Kong
Bernt JOHANSSON, Luleå University of Technology, Sweden
Risto KIVILUOMA, WSP Consulting KORTES Ltd, Finland
Ulrike KUHLMANN, University of Stuttgart, Germany
René MAQUOI, University of Liege, Belgium
Julio MARTINEZ CALZON, MC2, Spain
Tiago MENDONÇA, BETAR, Portugal
Raz MOR, Kedmor, Israel
Ferenc PAPP, Technical University of Budapest, Hungary
Martin PIRCHER, ABES Consulting International GmbH, Austria
João PIRES DA FONSECA, University of Beira Interior, Portugal
Joel RAOUL, SETRA, France
Wassim RAPHAEL, Saint Joseph University (ESIB), Lebanon
Carlos REBELO, University of Coimbra, Portugal
Jaco REUSINK, Rotterdam Public Works, The Netherlands
Zlatko SAVOR, University of Zagreb, Croatia
Falko SCHROTER, Dillinger Hutte GTS, Germany
Luís SIMÕES DA SILVA, University of Coimbra, Portugal
Enzo SIVIERO, Università luav di Venezia, Italy
Juan SOBRINO, Pedelta S.L., Spain
Jiri STUDNICKA, Technical University of Prague, Czech Republic
Harshavardhan SUBBARAO, Construma Consultancy PVT, Ltd, India
Milan VELJKOVIC, Luleå University of Technology, Sweden
Pedro VELLASCO, UERJ, Brazil
Paulo VILA REAL, University of Aveiro, Portugal
Francisco VIRTUOSO, Technical University of Lisbon, Portugal
Eiichi WATANABE, Kyoto University, Japan
Baldomiro XAVIER, Teixeira Duarte, Portugal
Riccardo ZANDONINI, Trento University, Italy

Registration fees

	Before March 1 st , 2008	After March 1 st , 2008
CMM members*	400€	500€
Non-members*	500€	600€
Students**	250€	300€
Accompanying persons***	200€	250€

(*) The registration fee includes: Conference attendance, the Book and the CD-ROM Proceedings, coffee-breaks, welcome reception and gala dinner.

(**) The students must send a copy of a valid student card or an institutional certification (MSc and PhD students are valid) together with the registration form. Student fee does not include participation in the gala dinner.

(***) The registration fee Includes: participation in the tours of the social program and the banquet.

The registration form is available on www.steelbridges08.com.

Refund Policy

All cancellations must be received in writing (letter, fax or e-mail), addressed to Viagens Abreu S.A. All refunds will be made after the Congress.

- Registration Fees

Registration refund requests received before the 30th of April will be charged a \$200 processing fee. No refunds will be granted for cancellations received after the 1st of May.

- Hotel Reservation

Cancellations received before the 30th of April, will be entitled to a full refund less bank expenses. After that date refunds will depend on each hotel decision, case by case.

- Inscriptions in Tours (Social Program)

The prices of the tour program are available for a minimum of 40 participants. Cancellations received before 30th of April, will be entitled to a full refund less bank expenses. Cancellations from 30th of April on will be entitled to a 50% refund.

Accommodation

The organizers have arranged block reservations with several hotels offering special prices for the participants to this event:

Social Program

	Guimarães	Fundador	Pousada St. Marinha	Pousada da Oliveira	Toural
Category	****	****			***
Single Room	95,00€	95,00€	200,00€	150,00€	60,00€
Double Room	105,00€	105,00€	220,00€	165,00€	82,00€

The following trips are available. Additional information is available on www.steelbridges.com.

1) Braga, Guimarães and Barcelos

Visiting the historical center of these three cities and also Santuário do Bom Jesus, in Braga (by funicular) and Paço dos Duques in Guimarães.

2) Porto with an optional cruise on Douro River

Visiting the historical center of Porto (world heritage) and also Palácio da Bolsa and S. Francisco Church. The cruise on Douro River is possible, but not included on the visit. It has an optional cost of 12€.

3) Minho Litoral

Visiting Barcelos (historical center and Medieval Tower), Esposende (windmills and protected seaside), Viana do Castelo (S. Tiago da Barra Castle, shipyards at Monte Sta Luzia), Ponte de Lima (the oldest portuguese village) and Valença (inside the stone walls).

The **Gala Dinner** will take place in Guimarães, in the 5th of June, at 20h00.

How to access Guimarães

Guimarães is located in north-western Portugal, approximately 350 km north of the capital, Lisbon, and about 50 km from the second largest city, Porto (also known as Oporto). The nearest airport is Francisco Sá Carneiro International Airport, located in the suburbs of Porto, about 50km from Guimarães. Using the highway the airport can be reached in approximately 35 minutes. Guimarães is part of the modern network of trains that link the main cities in Portugal. All-stop service between Guimarães and Porto takes approximately 60 minutes.

ALL MAJOR ASPECTS OF STEEL BRIDGES WILL BE ADDRESSED.

THE CONFERENCE INCLUDES COMMUNICATIONS IN A WIDE RANGE OF TOPICS, KEYNOTE LECTURES, SPECIAL SESSIONS AND A TECHNICAL EXHIBITION.

THE ECCS SPECIAL AWARD TO THE BEST STEEL OR COMPOSITE BRIDGE BUILT SINCE JUNE 2005 WILL BE ANNOUNCED IN THE CONFERENCE.

Technical exhibition and sponsorship

A Technical Exhibition will take place during the conference.

Exhibitors will have the opportunity to disseminate their new products and services related to the themes of the conference. There are three levels of possible sponsorship, which are described at the conference site: www.steelbridges.com. Each sponsor will have one stand available and other advantages depending on the sponsorship level.

Symposium secretariat

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