

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

STEEL STRUCTURES: CULTURE & SUSTAINABILITY 2010



INTERNATIONAL SYMPOSIUM

21-23 September 2010

Main Organiser:

European Convention for Constructional Steelwork (ECCS)

Local Organiser:

Turkish Constructional Steelwork Association (TUCSA)

Co-Organisers

American Institute of Steel Construction (AISC)
Cold-Formed Steel Engineers Institute (CFSEI)
European General Galvanizers Association (EGGA)
Haliç University (HALU)
International Association for Shell and Spatial Structures (IASS)
International Society for City and Regional Planners (ISOCARP)
Istanbul Technical University (ITU)
Steel Framing Alliance (SFA)
The Building Information Centre (YEM)
TMMOB Chamber of Architects (TMMOB MO)
TMMOB Chamber of Civil Engineers (TMMOB IMO)
TMMOB Chamber of City Planners (TMMOB SPO)
World Steel Association (WSA)
Yeditepe University (YU)
Yıldız Technical University (YTU)

Supporters

Asociación para la Construcción de Estructuras Metálicas, (ASCEM), Spain
Asociatia Producatorilor de Constructii Metalice din Romania (APCMR), Romania
Associação Portuguesa de Construção Metálica e Mista (Cmm), Portugal
British Constructional Steelwork Association (BCSA), U.K.
Danish Steel Institute/Dansk Stalinstitut (DSI), Denmark
Federation for the Technology Industry (Agoria), Belgium
Nosk Stålforbund/Norwegian Steel Association, Norway
Southern African Institute of Steel Construction (SAISC), South Africa
Syndicat de la Construction Métallique de France (SCMF), France

Sponsors

Steel fabricators and builders will be contacted and those interested to sponsor the Symposium will be invited to take part at the exhibition with their works

Honorary Committee

Fahrettin ARDAN, Turkey
Frederico MAZZOLANI, Italy
Jean-Baptiste SCHLEICH, Luxembourg
David A. NETHERCOT, U.K.

Symposium Chair

Chair : Nesrin YARDIMCI, Turkey
Co-Chairs : Dan DUBINA, Romania
İhsan MUNGAN, Turkey
Hasan ŞENER, Turkey

Symposium Secretary

A. Berna AYDÖNER

Scientific Board

Chair : Nesrin YARDIMCI, Turkey
Co-Chairs: Harun BATIRBAYGİL, Turkey
Luis SIMÕES DA SILVA, Portugal
Cavidan YORGUN, Turkey

Members : Yeşim Kamile AKTUĞLU, Turkey
Gülay ALTAY, Turkey
Görün ARUN, Turkey
Eduardo BAYO, Spain
Hasan BODUROĞLU, Turkey
Almila BÜYÜKTAŞKIN, Turkey
Paulo CRUZ, Portugal
Tuncer ÇELİK, Turkey
Fevzi DANSİK, Turkey
Dan DUBINA, Romania
Mario FONTANA, Switzerland
Daniel GRECEA, Romania
Nol GRESNIGT, The Netherlands
Orhan HACIHASANOĞLU, Turkey
Bilge IŞIK, Turkey
Jean-Pierre JASPART, Belgium
Faruk KARADOĞAN, Turkey
Shiro KATO, Japan
Ulrike KUHLMANN, Germany
Roger A. LaBOUBE, USA
Raffaele LANDOLFO, Italy
Jörg LANGE, Germany
Bertrand LEMOINE, France
Mladen LUKIC, France
İhsan MUNGAN, Turkey
Ali MUSLUBAŞ, Turkey
Zafer ÖZTÜRK, Turkey
Teoman PEKÖZ, USA
Nuran Kara PILEHVARIAN, Turkey
Roger POPE, U.K.
João Paulo C. RODRIGUES, Portugal
Ben SCHAFER, USA

Reinhold SCHUSTER, Canada
Gerhard SEDLACEK, Germany
H.H. Bert SNIJDER, The Netherlands
Hasan ŞENER, Turkey
Viorel UNGUREANU, Romania
Erdoğan UZGİDER, Turkey
Cüneyt VATANSEVER, Turkey
Milan VELJKOVIC, Sweden
Alberto VINTANI, Italy
Yeong-Bin YANG, Taiwan
Çetin YILMAZ, Turkey
Zerrin YILMAZ, Turkey
Riccardo ZANDONINI, Italy

BACKGROUND AND SCOPE

From the very beginning, structural art has always been of prime importance to the cultures of societies: Besides the historical marvels as Ziggurats of Mesopotamia, Pyramids of Ancient Egypt, Acropolises and Amphitheatres of Ancient Aegean Civilizations; Bridges, Aquaducts and Baths of Romans; Churches and Cathedrals of Medieval Christianity, Mosques of Islamic Culture; Yurds of nomads and thatching techniques of the primitive cultures as well as wooden structures of Far Eastern Cultures should equally and easily be mentioned under this context.

After industrialization, the structural art began changing in the 19th Century by introduction of iron and steel to everyday life by high-rise buildings and suspension bridges, becoming the main feature of the American Culture. Parallel to these developments, European Structural Art in the same grounds experienced monumental structures like Severn Bridge, Crystal Palace and Eiffel Tower. Consequently, steel became an unrivalled structural material in the 20th Century throughout the world; and the most recent century seemingly will be the age of structures considering steel of prime importance.

Istanbul has been selected as Cultural Capital of Europe for the year 2010, where in the same year also the Annual Meetings of the European Convention for Constructional Steelwork (ECCS) will be held. Both important events give us the opportunity and mission to organize and announce a Symposium for architects, structural engineers, designers, steel fabricators and builders as well as urban psychologists, social planners and environmentalists to discuss new horizons on steel structuring in its relation to our present culture, giving way to a new European vision for a better and sustainable future.

Besides design issues and research related to steel structures, the Symposium will cover also social and cultural aspects in the field within the themes as given below:

1. Historical and Cultural Aspects
2. Structural Design Concepts
3. Sustainability: Solutions in Relation to Society, Environment and Economy
4. Urban Context
5. Steel Structures in Relation to Architectural Functions and Forms
 1. Wide Span Solutions
 2. High Rise Solutions
 3. Spatial Solutions
 4. Innovative Approaches (Free Form Designs)
6. Structural Issues
 1. Stability
 2. Connections
 3. Constructional Issues
 4. Ultimate Load Design
 5. Wind Effect
 6. Earthquake Resistance

7. Seismic Isolation and Vibration Control
8. Fire Related Issues
9. Corrosion Protection
10. Composite Structures
11. Cold-Formed / Light Gauge Steel Structures
12. Codes
13. Case Studies

KEY DATES

08 January 2010	Deadline for Submission of Abstracts
18 January 2010	Evaluation of Abstracts and Approval, Request for Final Papers
19 April 2010	Deadline for Submission of Final Papers
31 May 2010	Final Acceptance

REGISTRATION FEE

The registration fee covers admission to the sessions, the proceedings book (or CD), coffee breaks, lunches on three days, Welcome Reception and Symposium Dinner. In the case of Accompanying Persons, three days sightseeing in Istanbul with lunches and museum visits instead of the sessions and proceedings book (or CD).

	Before August 01, 2010	Beginning on August 01, 2010
Members of Organisers	450 Euro	500 Euro
Non Members	500 Euro	550 Euro
Students	250 Euro	250 Euro
Accompanying persons	300 Euro	300 Euro

ABSTRACTS SUBMISSION

Abstracts should be submitted by e-mail (sscs2010@tucsa.org) not later than 08 January 2010. The abstract must be written by using 12 points Times New Roman character in MS-Word software. Abstracts should be not longer than 300 words, in addition should include authors' details (address, e-mail, telephone number, fax number). The language of the symposium is English.

For more information you may visit www.sscs2010.org