



NEWSLETTER

N° 1/05 January – March 2005

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In this issue

- p. 1 Editorial
- p. 2 New publications
- p. 4 ECCS Golden Anniversary Symposium
- p. 5 Steel in Bridges
- p. 6 APTA: A new IPO is born
- p. 7 News
 - * From ECCS
 - * From external sources
- p. 12 What about the Working Committees
- p. 13 ECCS Committees Diary
- p. 13 ECCS & External Events
- p. 16 Events Calendar
- p. 18 People & Committees

EDITORIAL



By Georges Gendebien, Secretary General

Dear Members, Dear Readers,

As already mentioned in the previous Newsletter, the year 2005 is a great milestone for the ECCS. Indeed, it will celebrate its 50th Anniversary. This milestone presents us with an historic opportunity to reflect on the history of steel in construction, and to explore innovative methods using steel in architecture.

Since its founding, the ECCS has been an enduring symbol of the promotion of steel in construction, and this will always be its target.

Fifty years of existence during which the ECCS has been the stage of exchange of ideas and of information. It has promoted the development of steel in construction demonstrating in this way that “We cannot live without steel”, to quote the saying.

Therefore, the Golden Anniversary International Symposium "Steel and Architecture" will focus on the changes recorded during the last 50 years, but will also look at the future developments of steel construction. Speakers of this Symposium are well-known international ones from the world of architecture and engineering. You will find its two-day programme in this issue.

Associated with the celebration, the public exhibition “50 years of Steel Architecture in Europe” will illustrate the evolution of architecture. Jacques Peyrat, Senator-Lord Mayor of Nice, will open this exhibition officially and Nice authorities will host a reception.



Coinciding with the “Commission Recommendation of 11 December 2003 on the implementation and use of Eurocodes for construction works and structural construction products (2003/887/EC)”, the ECCS reinforced its role as information platform through its Technical Managing Board (TMB), whose Chairman made the Eurocodes his spearhead. Our web site has been updated to be user-friendlier, and to offer useful information as well as free “e-publications”.

The year 2005 also coincides with the presentation of the European Steel Design Awards, which gives European recognition to outstanding design

in steel constructions emphasizing the many advantages of steel in construction, production, economy and architecture. For the first time, a European Student Architecture Award will also be presented.

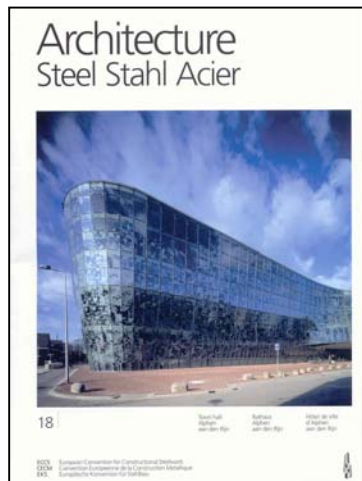
The celebration, hosted by our French Member, the SCMF, is co-sponsored by the city of Nice and by ARCELOR Group.

We look forward to welcoming you in Nice, on 20-21 September 2005, at the Palais de la Méditerranée.

Georges Gendebien

New Publications

ECCS Publications



**Architecture
Steel Stahl
Acier**

**N° 91-18:
Case Study –
Town hall
Alphen aan den
Rijn**

Price: € 5, -

ISBN 92-9147-
000-77

One of the most important architectural considerations for the town hall in Alphen aan den Rijn was the desire to construct an exceptional building of high quality and which stands out from the surrounding buildings through its appearance and stature.

The municipality opted for a free form that has been further developed in such a manner that its rectangular shape fits into the urban orthogonal

fabric, whereas the expressive and flowing nature of the overall design gives the building distinction.

* * * * *

Eine der wesentlichen architektonischen Anforderungen für das Rathaus von Alphen aan den Rijn war der Wunsch des Bauherrn nach einem außergewöhnlichen Gebäude hoher Qualität, das sich durch seine Erscheinung von der umgebenden Bebauung abhebt.

Die Gemeinde entschied sich für eine freie Form, die so gestaltet wurde, daß der rechteckige Teil des Gebäudes mit dem urbanen Raster übereinstimmt, während die expressive und fließende Form dem Bau herausragende Bedeutung verleiht.

* * * * *

Pour l'hôtel de ville d'Alphen aan den Rijn, l'une des principales préoccupations architecturales était de construire un bâtiment exceptionnel, d'une grande qualité et se démarquant des constructions environnantes par son apparence et sa taille.

La municipalité a choisi une forme originale qui se développe de telle manière que la base rectangulaire de l'édifice s'inscrive dans le quadrillage de la ville et dont l'expression architecturale, à la fois forte et fluide, confère à l'ensemble une distinction toute particulière.



External Publications

1- TECHNO PRESS



**Steel and
Composite Structures**
An International Journal

Edited by:
Chang-Koon Choi
David A. Nethercot
Siu-Lai Chan
Chia-Ming Uang

Bimonthly (6 issues a year),

Indexed in SCI-exp

Contents

Volume 4, Number 1, February 2004

- **Shehdeh Ghannam, Yahia Abdel Jawad and Yasser Hunait**
Failure of lightweight aggregate concrete-filled steel tubular columns
[Abstract](#); [Full Text \(781K\)](#)
- **M.A. Khan, N.A. Siddiqui and H. Abbas**
Reliability analysis of latticed steel towers against wind induced displacement
[Abstract](#); [Full Text \(190K\)](#)
- **Dong-Sik Lee**
Inelastic distortional buckling of hot-rolled I-section beam-columns
[Abstract](#); [Full Text \(62K\)](#)
- **S. Ramana Gopal and P. Devadas Manoharan**
Tests on fiber reinforced concrete filled steel tubular columns
[Abstract](#); [Full Text \(828K\)](#)

- **N. Silvestre and D. Camotim**
Distortional buckling formulae for cold-formed steel rack-section members
[Abstract](#); [Full Text \(564K\)](#)

The "Steel & Composite Structures, *An International Journal* (SCS)", which has been indexed/abstracted in major indexing services including SCI expanded, enters its 5th year of publication in 2005.

To examine the sample electronic issue; [Click here](#)
To obtain your sample print copy; [Sample Copy](#)
To order your subscription; [Order Form](#)

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<http://technopress.kaist.ac.kr/samplejournal/scs01.jsp>

2-

**Steel Technology Platform**

This publication is free of charge.

You can order it through the web site:

<http://www.eurofer.org/publications/index.htm>



ECCS GOLDEN ANNIVERSARY SYMPOSIUM "ARCHITECTURE AND STEEL"



International Symposium "Architecture and Steel"

20-21 September 2005, Nice, France

The ECCS has the pleasure in inviting you to our Annual Conference to be held in Nice, France, on 20 & 21 September 2005.

This international conference will be a two-day symposium and will review the evolution of steel-architecture from 1955 to 2005. Indeed, the steel in construction underwent various changes according to changes in architecture. The speakers will also look to the future.

Lectures will be done by international experts from the world of architecture and engineering, and we already welcome them.

This International Symposium will be an opportunity to review the achievements and glimpse the future developments.

The program is as follows:

TUESDAY 20 SEPTEMBER

- | | |
|------|---|
| 9.00 | Welcome and registration |
| 10.0 | Opening and presentation of the symposium (<i>Marc Coppens, President of the Syndicat de la Construction Métallique de France / Pierre Bourrier, Senior Vice-President Construction, Arcelor Group</i>) |



10.15-12.30: **Session I:**
Chaired by Prof. Luis Da Silva, Coimbra University (PT):

*** From fifties to sixties**

Prof. Jacques Brozzetti (F)
Bertrand Lemoine, Prof. Architect
Engineer (F)

*** From sixties to seventies**

Prof. Jörg Lange, Darmstadt (DE)
Craig Gibbons, Ove Arup (UK)

14.30 – 16.45: **Session II:**
Chaired by Esko Miettinen, Architect (FIN)

*** From seventies to eighties:**

Bernard Vaudeville, Architect
Engineer R.F.R. (FR)
Prof. Federico Mazzolani, Napoli
University (IT)

*** From eighties to nineties**

Peter Terrell, Engineer, Terrell
International (UK)
Jan Kaplicky, Architect, Future
systems (UK)

Questions

17.30 – 19.30: Opening and visit of the exhibition
“50 years of European Steel
Architecture”.
Reception hosted by Nice
authorities.

WEDNESDAY 21 SEPTEMBER

8.30 – 11.15: **Session III:**
*Chaired by Prof. Roger Plank, Sheffield
University (UK)*

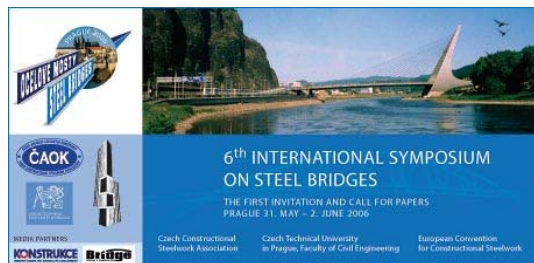
Werner Sobek, Architect (DE)
Peter Berger, Architect (CH)
Paul Andreu, Architect (FR)
William Alsop, Architect (UK)

Questions

11.45 Conclusion: Allan Collins,
Chairman of the ECCS Executive
Board (UK)
12.00 LUNCH
13.45 Architectural Student Design
14.00 – 18.00 European Steel Design Awards
2005
20.00 GALA DINNER

The registration form is available on the web site
www.steelconstruct.com, section Events/Annual
Meetings.

**STEEL IN BRIDGES,
BY FALKO SCHRÖTER (ECCS MC 3 CHAIRMAN)**



31 May to 2 June 2006
Prague, Czech Republic
www.steelbridge06.com

Bridges link communities and cultures and have always had a key role in an efficient infrastructure network, a prerequisite for a vital economy. Steel in bridges looks back to a history of more than

100 years preceding the success of cast and wrought iron bridges among which also some example built in the late 18th century are still in use. The creation of a dense railroad network at



the beginning of the 20th century would have been impossible without steel.

Although the competition by other building material has become much more stronger in the last decades, modern steel bridges can offer a lot of advantages. The gigantic project of the Millau Viaduct recently opened for traffic in the South of France is the best means to demonstrate what can be achieved by steel.

Components fabricated in closed workshops ensure a highest degree of quality and construction speed and minimise environmental impact during construction. By the high strength of the material steel, driven also by newly developed high-strength steel grades, the dead weight could be reduced and construction depth be minimised. This is of special importance when bridging especially long spans with sophisticated erection methods. Furthermore durable and adaptable structures are feasible. Thus the Millau Viaduct has an estimated service life of 120 years.

The Millau Viaduct is also a good example of the aesthetical quality, which can be reached by steel bridges. Most impressive bridges such as the famous Erasmus Bridge in Rotterdam profit from steel construction. However, it should not be neglected that steel is also able to offer efficient constructions as far as initial costs and also maintenance are concerned. This was shown by the development of composite bridges in particular for short and medium spans.

Steel bridges are absolutely innovative. In order to exchange the newest trends in steel bridge construction, international experts are invited to ECCS 6th International Conference on Steel Bridges taking place. There the exchange of new findings, ideas, experiences in design, fabrication and erection will be encouraged. Acting as the current chairmen of ECCS MC 3 Bridges, whose members organise this symposium, I would be very delighted to welcome you in Prague.

Falko Schröter
Chairmen of MC 3 - Bridges

**APTA:
A NEW INFORMATION & PROMOTION OFFICE
FOR STEEL (IPO) IS BORN**



APTA, «*Asociación para la Promoción Técnica del Acero*», is an independent association, whose main objective is to encourage steel in construction and non-profit-making organism. APTA was born last June on four iron and steel groups' initiative: **ARCELOR, CELSA, UAHE** and **ASCEM**. APTA will support the use of steel in construction. A call-centre will be created, conference and teaching days, visits to steel constructions, edition and distribution of publications, technical tools to make the use of

steel more accessible and standardization of solutions, will be as well offered with the close collaboration of the steel industry and university.

APTA organised last 30th November a fascinating presentation day called "*Building the Future in Steel*", with the participation of the most skilled professionals in the steel construction industry. Santiago Calatrava was the main speaker.

The success of the day has been reflected in the number of people attending, 400 people, among them architects, engineers, administration representatives, construction societies, metal constructors, university teachers, students, etc. who followed all the conferences attentively, and had animated conversation during an informal lunch offered to all the guests.



The presentation day started with the institutional opening by Angel Pacheco, Senior Executive Manager for Architecture and Housing Policy. Javier Tambo welcomed the audience with Gonzalo Urquijo, President of Unesid.

Domingo Jimenez – Presidential Environment Assessor- and Luis Jimenez Herrero- Sustainable Development Professor- talked over the Sustainable Development subject.

The subjects referred to steel in architecture were as follows.

- Creativity and Steel was the title of Santiago Calatrava’s conference, the most international Spanish architect and was attentively followed by all the guests. We could once more appreciate his last projects for which he described steel as a noble and versatile material used to make reality his works.
- Carlos Lamela- executive President of Estudio Lamela, talked about the new Barajas Airport Terminal that will be promptly inaugurated; Robert Brufau- Robert Brufau & Associates, Doctor in Architecture, talked over outstanding buildings; Julia Villa- Doctor in Architecture on the University in Madrid, discussed safety in building.
- F. Millanes- Doctor in Civil Engineer, F. Quintero- Doctor in Civil Engineer and APTA Consultant and Alfredo Arnedo- Doctor in Civil Engineer, stood out in engineering and normative discussions.

- The point of view for investors, regarding analysis and decision criteria, was stressed by José Manuel Nicuesa- Pronisa Real State President and Daniel Olano- Architect in some of Pronisa’s promotions.

The experience and high qualification of the speakers should be emphasized. Most of them make compatible working in specialised companies and teaching.

The signature protocol of APTA was performed by its four founders: Arcelor, represented by J.J. Aroztegi General Director, Celsa, represented by Ricardo Hugas- General Sales Director, Ascem, represented by Joan Delriu- President and UAHE, represented by Jorge Farrás- President. At the end of the event Xavier Mateu chaired the debate with the help of most of the speakers.

Javier Tambo, President of APTA, and Sylvie Petetin, General Director, exposed the goals, means and actions offered by APTA and encouraged the audience to join the association in order to take advantage of the services.

For more information, please contact APTA:

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Tel. : +34-915/670 910
Fax : +34-915/670 911
E-Mail : info@apta.org.es
Web : www.apta.org.es



NEWS

News from the ECCS

- **Multi-Storey Workshop – London, 26 May 2005**

The ECCS will hold a Workshop on Multi-Storey Buildings, on 26 May 2005, at the National Liberal

Club, Whitehall Court, Westminster, London. The Workshop is hosted by the BCSA, our English Member.

Delegates of National Association Members as well as of Information and Promotion Office IPOs, Technical Centres, and of the ECCS Market Committees are invited to attend this meeting.



Multi-Storey construction is a market where steel has strong positions in some countries, such as UK, and a lot of potential in others. The use of steel is typically associated with office buildings but there are also new opportunities for growing market-shares in multi-storey residential buildings. The aim of this Workshop is to share experiences in national market development activities in multi-storey buildings, to generate ideas and actions and to help mutualize promotion activities in this market for the common interest of ECCS members and partners. BCSA offered to host the Workshop to benefit from success stories in UK regarding both the office and residential market.

The objectives of the Workshop are:

- to allow National Associations, IPOs and Technical Centres to give their own perception of this market and present their promotion and development activities on multi-storey buildings;
- to generate new ideas to be undertaken both nationally and globally to promote this segment, particularly in the residential market;
- to hear project case studies in UK to be presented at the Workshop;
- to decide whether further permanent activity is to be undertaken by ECCS through a Market Committee to help develop this market segment.

The Workshop will begin at 10.00 a.m. and will conclude at 05.00 p.m. Lunch will be provided.

There will be no charge for attending the Workshop, but numbers will be restricted to a maximum of two delegates per National Association, IPO or Technical Centres, and three delegates per ESSPG member. In addition, ECCS officers and officials will be attending. The meeting of the MC5 Committee will be held on the following day.

We are expecting members, IPO's and TC to attend to present their own experience, actions and ideas on this market. Please let us know not later than April 1 2005 as soon as possible whether you are willing to participate, so as to draw up the final program.

Everyone is also encouraged to bring examples of their promotional literature on multi-storey buildings to the Workshop, where they will be displayed on a table.

Registrations have to be done before the 1st of April to:

Gillian Mitchell
BCSA
4 Whitehall Court, Westminster
London SW1A 2ES
Tel: 020 7747 8121 (direct line)
Fax: 020 7839 4729 (direct line)
E-Mail:
gillian.mitchell@steelconstruction.org

➤ **International Spring Seminar on joint design according to Eurocode 3, part 1.8**

The Norwegian Structural Steel Association, Member of the ECCS, has the pleasure in inviting you to a 1-day international seminar on joint design with international experts and well-known lecturers on joint design from different European countries, all members of the ECCS Technical Committee 10- Connections, to be held on Wednesday 20 April 2005, at the Grand Hotel, in Oslo, Norway.

The seminar will focus on information and background for the Eurocode 3-part 1.8, now on EN status.

This seminar will be arranged in connection with a planned ECCS TC10 meeting to be held in Norway and hosted by Norconsult (Dr. Bjørn Aasen).

The preliminary program for the 1-day international seminar will cover the following subjects :

*** Introduction to Eurocode 3, Part 1.8**

Presented by Professor F. Bijlaard, University of Delft (Chairman of CEN T C 250-SC3)

*** The ECCS Recommendations on simple joints**

Presented by Professor J. Jaspart, University of Liège'

*** Typical joints on steel buildings/Typische Anschlüsse im stahlhochbau**

Presented by Dr. K. Weynand, University of Aachen

*** The Green books on joints in steel construction**

Presented by Dr. D. Moore, BRE UK (Pending final confirmation)

*** State-of-the art of computer software**

The final seminar program will be available in short time.

For more information, contact:

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PO Box 242, NO-1326 Lysaker, Norway
Tel: +47 67 83 86 61
Fax: +47 67 83 86 01
E-mail: kmy@standard.no
<http://www.stalforbund.com>
<http://www.stalguiden.com>

News from external sources

European Confederation of Iron and Steel Industries

Report on the Economic and Steel Market Situation up to Q.II/2005 and preliminary forecast Year 2005

EUROFER released its Market Report as of February 2005. It is available on its web site <http://www.eurofer.be/home.htm>

The main items of the report are as follows:

I- General Economic Situation I the European Union**II- Development of the Steel Market****1- Development of Steel Using Sectors:**

- A. Construction
- B. Automobile

- C. Mechanical Engineering
- D. Tubes
- E. Domestic Appliances

2- Real and apparent consumption

- A. Real consumption
- B. Apparent consumption
- C. Stocks
- D. Imports and Exports

III- Situation in Third Countries

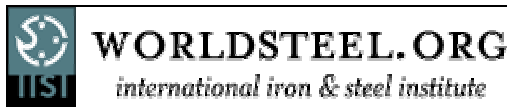
- 1- Chine
- 2- USA
- 3- Japan

Steel Statistics updated as of February 2005 are also available. We give you here below the table relating to the imports and exports within the European Union.

EU Imports and Exports:

	<u>Year 2000</u>	<u>Year 2001</u>	<u>Year 2002</u>	<u>Year 2003</u>	<u>Year 2004 10months</u>
IMPORTS					
Flat Products	12882	13185	11651	11716	9944
Long Products	5066	5394	5527	6570	5325
TOTAL	17948	18579	17179	18286	15270
EXPORTS					
Flat Products	12847	12446	12911	15382	13461
Long Products	5961	5668	5793	5946	5605
TOTAL	18808	18114	18704	21328	19066
Imports & Exports of ECSC products excluding semis in '000 metric tonnes					

For further details, please visit the web site: <http://www.eurofer.be/home.htm>



➤ **World Steel in Figures Online – Steel Statistical data showing trends in the world steel industry**

Crude steel production for February 2005

Brussels, 18 March 2005 - Brussels, 18 March 2005 – World crude steel production for the 61 countries reporting to the International Iron and Steel Institute was 83.9 million metric tonnes (mmt) in February. This is 3.7% higher than for February 2004.

China produced 24.8 mmt of crude steel in February, up 21.2% on the same month in 2004. Total production for the Asian region was 41.4 mmt, a rise of 10.3% on February 2004.

Production in the 25 European Union countries stands at 15.1 mmt in February. Production dropped in France (-4.2%), Germany (-1.4%), and the United Kingdom (-5.8%) compared to the same month in 2004. Crude steel production in Italy grew by 3.1%.

In North America production fell in Canada (-6.7%) and the United States (-3.0%). Year-to-date (YTD) production in the region stands at 21.3 mmt. Iran produced 786,000 tonnes of crude steel in February, a rise of 13.4% compared to the same month in 2004. Total Iranian production for the year stands at 1.5 mmt, a rise of 12.0% YTD.

Please note: Due to the leap year, February 2004 consisted of 29 days. Minor statistical variations may occur when comparing data for February 2004 and 2005.

(From IISI web site)

For further statistics, see IISI statistics page: <http://www.worldsteel.org/figures.php>

Press enquiries: John Fewtrell - IISI, 120 Rue Colonel Bourg, 1140 Brussels or e-mail: press@iisi.be

➤ **Campaign for construction products: “Growing the Market for Steel in Construction”**

An initiative of leading steel companies managed by the International Iron and Steel Institute.

IISI has launched a 5-year programme to promote the use of steel in construction. You will find here below extract of the summary document giving an idea of what the programme is about.

ABOUT THE PROGRAMME

A worldwide consortium to grow the market for steel in construction is being launched in February 2005 with the *International Iron and Steel Institute (IISI)* providing the project management. It is a five-year programme with an anticipated total budget of EUR 14.25 million. The initial participating companies include Mittal Steel, Arcelor, Posco, Corus, IMIDRO, BlueScope Steel, Tata Steel, Ruukki, CELSA, Erdemir, and Ispat Industries.

The goal of the programme is to stimulate of up to 10% in the use of steel in construction by 2010. This increase represents an estimate 27 million tonnes of finished steel consumption compared to 2002, or with a margin of EUR 10/tonne, a profit value of EUR 270 million per year. The goal will be achieved primarily through a focus on growing the market in residential construction.

OBJECTIVES

The specific objectives of the project are to:

1. Improve understanding of the market for construction including how and where steel is used through substantive research and gathering of data
2. Identify best practice approaches to market growth and provide tools and processes to help participants grow their markets;
3. Demonstrate how best practice and innovation can be combined to break local paradigms in housing construction , and



4. Increase the demand for steel by raising its image as a sustainable construction material and show the steel industry as an attractive investment.

BENEFITS OF PARTICIPATION

By delivering the objectives participants will gain:

1. Knowledge and tools that will allow them to create additional value through increased sales and margins in existing and new construction markets;
2. Access to market development processes, techniques and tools to build the capability to address construction market development opportunities, and
3. By working collaboratively, the participating companies will be able to leverage an improved image as providers of construction solutions that meet changing market needs for economically, environmentally and socially preferred housing .

ADVANTAGE OF A GLOBAL APPROACH

Construction is the largest market supplied by the steel industry, but the market is characterised by many regional and local differences. However, the underlying drivers appear to be global. There is an undisputed shortage of housing that is fit for purpose in nearly all countries, be they developed or developing. The need to address the shortage quickly, cost effectively, and in a way that does not diminish the world's natural resources is increasing....

This project presents an opportunity to collaborate globally to combine existing best practice with collaboration between regions and disciplines to create the broadest possible base of knowledge. Participating companies can enhance the value of their market development activities regionally and locally and so create additional value for themselves and stakeholders.

ORGANISATIONAL STRUCTURE

The programme is run by the Steering Group. Each Full Member may appoint a representative to the Steering Group, with each company having one vote. Project groups are formed to

manage and globally coordinate the three main programme elements: market research, knowledge management and competition & demonstration. Regional Teams are formed to conduct the programme in those locations agreed by the Steering Group. The World Steel Construction Council is a forum for bringing all programme participants together to share the latest developments of the programme and to provide a significant networking opportunity to help grow the use of steel in construction. IISI provides the programme management.

WHO SHOULD PARTICIPATE

This programme will be of interest to organisations that will benefit from the increased use of steel in construction. These organisations include those:

- Producing steel for construction, including flat, long and stainless products;
- Steel industry suppliers such as iron ore, coal, zinc and paint companies;
- Rollers, fabricators, distributors, designers and builders that use steel;
- Trade associations that coordinate market development activities;
- Government agencies and non-governmental organisations interested in providing safe, affordable and sustainable housing solutions that improve community well being.

Companies would be more suited to participating as Full or Associate Members or Sponsors, while trade associations, government agencies and non-governmental organisations would likely be best served by participating as Supporting Members or Sponsors.

HOW TO PARTICIPATE

The programme seeks to attract organisations interested in supporting the growth of steel use in the construction market.

Three levels of membership are offered: Full Member, Associate Member and Supporting Member. An additional opportunity to participate in the programme is to become a sponsor of the international architecture competition and building demonstration projects.



For more information, please contact:

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 Sustainability
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 (office)
 Fax: +32-2/702 88 99
 E-mail: chubbs@iisi.be

EUROPEAN STEEL
 TECHNOLOGY PLATFORM

MEETING OF THE STEERING GROUP

As announced in the previous issue, the Steering Committee of the Steel Technology Platform met on 15 December 2004, in Luxembourg. The main objective of this meeting was to present the Steel Strategic Research Agendas there is a clear need to introduce priorities among the research topics



WHAT ABOUT THE WORKING COMMITTEES?

1- MC 3 – Bridges

The MC 3, chaired by Falko Schröter, met on 04 February 2005, in Prague. The main item of their agenda was the review of the plans for the 6th International Symposium on Steel Bridges to be held in Prague, in 2006.

They also reported on the major EU project on “Sustainable Bridges”, a 4 year, 10 M Euro project which started in December 2003. This project has 32 partners from 14 countries. Information on this project is available on the web site www.sustainablebridges.net

Changes in the Committee Membership:

Mr. Unto Kalamies, from the Finnish Constructional Steelwork Association, who is no more in a position to maintain his position of Full Member of the MC 3, will be replaced by **Mr. Tomi Harju**, from Rautaruukki Oyj (Finland). Mr. Harju joined the Committee as Full Member.

The next meeting of the MC 3 will be held on 30 September 2005, in Dillingen, Germany.

2- TC 6 - Fatigue

Dr. Alain Nussbaumer (CH) announced his resignation from the Chairmanship of TC 6 due to the new duties he accepted, and to the conflict of interest it generates with the Chairmanship of TC 6.

Nevertheless, he will assure the transition until the Committee members elect the new Chairman.

The present structure of the committee is as follows:

- * Main committee
- * Working Groups:
 - WG A – Remaining fatigue life
Chairman: Mr. B. Kühn (DE)
 - WG B – Hollow sections
Chairman: Mr. J. Krampen (DE)
 - WG C – Commentary on EN1993-1-9
Chairman: Mrs. S. Haldimann (CH)

3- TC 8 – Structural Stability

Prof. Dr.-Ing. J. Lindner, Chairman of the TC 8, announced two main changes occurred in Working Groups of his Committee.

The Working Group TWG 8.3 has been disbanded. Consequently, the Chairmanship of **Prof. Maquoi**, from Liège University, has been terminated. Consequently, **Prof. Mrs. U. Kuhlmann**, from Stuttgart has been elected Chairman of the new committee. She will look for new members and will define the committee activities.

On the other hand, the Working Group TWG 8.4 has a new elected Chairman. Indeed, due to the retirement of **Prof. Schmidt** (Essen-DE), **the members elected Prof. Michael Rotter** (Edinburgh-UK) as Chairman of the committee.



ECCS COMMITTEES DIARY

2005

April	TC 3 Edit.	07/04/05	London	Workshop	26/05/05	London	
	Award Jury	14/04/05	Paris	MC 5	27/05/05	London	
	TC 10	21-22/04/05	Larvik	MC 5 sub-group	27/05/05	London	
May	TC 7	09/05/05	Barcelona	July	JC	05/07/05	Barcelona
	E.B.	19/05/05	Brussels	Sep.	ECCS Symposium	20-21/09/05	Nice
	Ch. Massonnet Award	19/05/05	Brussels	Steel Design Awards	21/09/05	Nice	
	Jury meeting			E.B.	23/09/05	Nice	
	PMB	20/05/05	Brussels	AGM	23/09/05	Nice	
	TC 8	20/05/05	Trento	MC 3	30/09/05	Dillingen	
TMB	24/05/05	Brussels	Oct.	TC 10	20-21/10/05	?	

ECCS & EXTERNAL EVENTS

**2005**

➤ [International Seminar on joint design according to Eurocode 3, part 1.8](#)

20 April 2005, Oslo, Norway

Venue:

The Symposium will be held at the Grand Hotel, in Oslo.

The seminar will focus on information and background for the Eurocode 3-part 1.8, now on EN status.

The preliminary program for the 1-day seminar will cover the following subjects :

Information:

Kjetil Myhre
Norsk Stalforbund/Norwegian Steel Association
P.O. Box 242
1326 Lysaker, Norway
Tel.: +47-67/838 661
Fax: +47-67/838 601
E-Mail : kmy@standard.no
Web: www.stalforbund.com

Or

www.stalguiden.com

➤ [2nd China International Steel Construction Congress 2005 in conjunction with 5th](#)



[International Steel Construction Expo 2005](#)

27-28 September 2005,
Beijing, China

Organised by:

Mettallurgical Council of China Council for the promotion of International Trade (MC-CCPIT)

Hosted by China Iron & Steel Association (CISA) and China Steel Construction Society (CSCS)

Venue: Debao Hotel, Beijing

Background

China's steel construction industry currently entered a substantial development period, with its body structure for manufacturing amounted to 10 million tons, and production value of over 8 billion USD. Large amount of national



investment, sustainable development of China's construction industry, relevant stimulant policies from China's central government also pushed its further development.

To narrow the gap between China and other advanced countries, China urgently needs to introduce advanced product, equipment and technology. China International Steel Construction Congress plus the 5th International Steel Construction Expo 2005 (CONSTEX 2005) will gather steel structural producers, trade dealers, company decision makers, government officials, and relevant professionals from designing, building, contracting, consulting and service sectors, to make in-depth discussion and exchanges on the occasions.

Major topics to be touched (Preliminary)

1. Overview of China's steel construction market and trend
2. Development and market situation of China's residential steel construction
3. Current condition, development and marketing capacity of China's light steel housing.
4. Key applied technology and product requirement of China's high rising steel construction
5. Current condition and development trend of China's bridge and tower construction
6. Steel construction product and technology application of China's Olympic project.
7. The newest membrane technology inclusive of its application and development trend

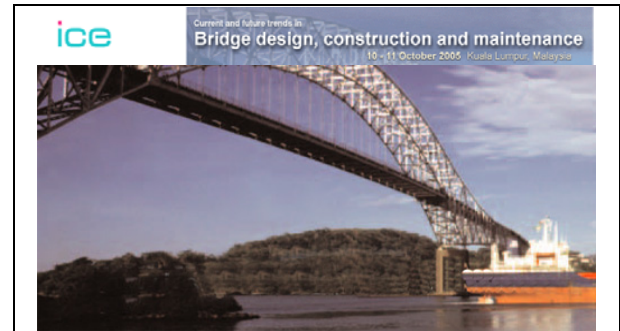
Information:

The Organizing Committee Office: Metallurgical Council of China Council For the Promotion of International Trade (MC-CCPIT)
 46 Dongxi Xidajie, Beijing, China 100711
 Tel: 0086-10-65132109 65131905
 Fax: 0086-10-65132171 65248384
 E-Mail : twang@constex.com or mail@constex.com

Web : www.constex.com/congress/en/ehome.asp

➤ 4th International Conference on Current and Future Trends in Bridge design, construction and maintenance

10-11 October 2005, Kuala Lumpur, Malaysia



Organised by:

ICE (Institution of Civil Engineers)

Venue:

Hilton Hotel, Kuala Lumpur, Malaysia.

▪ GENERAL INFORMATION

The conference and exhibition will be held on 10 and 11 October 2005, at the Hilton Hotel, Kuala Lumpur, Malaysia

The Institution of Civil Engineers is organising a series of international conferences to celebrate the enormous achievements made in the field of bridge engineering in recent years. To date these have been held in Singapore in 1999, Hong Kong in 2001 and, most recently, in Shanghai in 2003. The events have a history of attracting an international audience from some 20 countries.

The scope of the conference will encompass the 'state-of-the-art' in bridge design, construction, maintenance and safety assessment. It is envisaged that there will be papers on major bridge projects throughout the world, which have both just been completed and are still under construction. In particular, an effort will be made to ensure that all sessions include papers of local or regional interest in order to promote the exchange of ideas on existing practice.

Topics

The conference welcomes technical papers on applications and research, completed, underway or planned, on the following topics relevant to the conference:

- Innovation in bridge design, construction and repair



- Lessons that can be learnt from the past
- Whole life costing and investment for the future
- Bridge management and its relationship with infrastructure management
- The impact and future role of IT in bridge construction and management
- The future of condition monitoring, assessment and maintenance

Who should attend

The aim is for the conference to once again be a forum for discussion and therefore of interest to bridge consultants and contractors, practising engineers and academics, bridge owners and administrators, both local and international.

Conference language:

All conference sessions and papers will be presented in English. There will be no translation facilities.

Information:

Sue Frye
ICE Conferences
Institution of Civil Engineers
One Great Georges Street
London SW1P 3AA, UK
Tel: +44-20/7665 2315
Fax: +44-20/7233 1743
E-Mail : sue.frye@ice.org.uk
Web : www.icebridgeengineering2005.com

➤ Journée Acier Etudiants 2005

05 October 2005, Auditorium 2000 et Palais 10 du Heysel, Brussels, Belgium

Organised by: Centre Information Acier (CIA)

Deadline for registration: 27 May 2005

Information:

Centre Information Acier/Staalinfocentrum
Bruno Dursin / Maria De Samblanc
Chsée de Zellik 12 / Zelliksesteenweg 12
1082 Brussels
Tel: +32-2/509.15.01
E-Mail : info@infosteel.be
Web: www.infosteel.be

➤ Journée Construction Acier 2005

24 November 2005, Luxexpo (Kirchberg), Luxembourg

Organised by: Centre Information Acier (CIA)

Deadline for registration: 30 June 2005

Information:

Centre Information Acier/Staalinfocentrum
Bruno Dursin / Maria De Samblanc
Chsée de Zellik 12 / Zelliksesteenweg 12
1082 Brussels
Tel: +32-2/509.15.01
E-Mail : info@infosteel.be
Web: www.infosteel.be

2006

➤ STESSA 2006 – Fifth International Conference: “Behaviour of Steel Structures in Seismic Areas”

14-17 August 2006, Yokohama, Japan



Organised by:

- * Tokyo Institute of Technology, Japan
- * University of Naples “Federico II”, Italy

Language:

English for both oral and printed contributions

Main topics:

1. Performance-Based Design of Structures
2. Seismic, Wind and Exceptional Load
3. Material Behaviour
4. Member Behaviour
5. Connection Behaviour
6. Global Behaviour
7. Analytical and Experimental Methods
8. Mixed and Composite Structures
9. Passive and Active Control



10. Strengthening and Repairing
 11. Codification
 12. Design, Fabrication and Practice


Information:
 E-Mail : stessa06@unima.it

ECCS & External Events Calendar

2005

Date	Event	Location
20 April 2005 	International Seminar on Joint Design according to Eurocode 3, part 1.8 Norsk Stålförbund www.stalguiden.com / www.stalforbund.com	Oslo, Norway
9-12 May 2005	The 2 nd International Building Construction Expo Libya 2005 African Tigers www.libyabuildexpo.com/about.htm	Tripoli, Libya
25 May 2005	One-day Seminar on Multi-Storey Buildings ECCS PMB E-Mail: gillian.mitchell@steelconstruction.org E-Mail: assocedam@wanadoo.fr	London, United Kingdom
End of May 2005	Pro Steel 2005 – Steel Structure Project Student Competition TUCSA www.prosteel.org	Istanbul, Turkey
08-10 June 2005	EUROSTEEL 2005 MAASRICHT Université de Liège (Belgium), Rheinisch-Westfälische Technische Hochschule Aachen (Germany, Technische Universiteit Eindhoven (The Netherlands) www.eurosteel2005.info	Maastricht, The Netherlands
14-16 September 2005	IABSE Symposium Lisbon 2005 IABSE www.iabse.org/conferences/lisbon2005/	Lisbon, Portugal
20-23 Sept. 2005	ECCS 50th Anniversary – Annual Meetings ECCS www.steelconstruct.com	Nice, France
05 October 2005 	Journée Acier Etudiants 2005 Centre Information Acier (CIA) www.infosteel.be	Brussels, Belgium

**2005 - Continuation**

Date	Event	Location
27-28 Sept. 2005 	2 nd China International Steel Construction Congress 2005 in conjunction with 5 th International Steel Construction Expo 2005 MC-CCPIT www.constex.com/congress/en/ehome.asp	Beijing, China
10-11 October 2005 	4 th International Conference on Current and Future Trends in Bridge design, construction and maintenance ICE www.icebridgeengineering2005.com	Kuala Lumpur, Malaysia
24-26 October 2005	4 th International Conference on New Dimensions in Bridges, Flyovers, Overpasses & Elevated Structures CI-PREMIER PTE LTD www.cipremier.com	Fuzhou, China
15 November 2005 	2005 Steel Construction Conference and Exhibition BCSA www.steelconstruction.org	London, UK
24 November 2005 	Journée Construction Acier 2005 Centre Information Acier (CIA) www.infosteel.be	Luxembourg
6-8 December 2005	2 nd International Conference - Footbridge 2005 IUAV – OTUA www.iuav.it/footbridge2005	Venice, Italy
7-9 December 2005	Shock & Impact Loads on Structures CI-PREMIER PTE LTD www.cipremier.com	Perth, Australia



2006

Date	Event	Location
31 May-02 June 2006	6 th International Symposium on Steel Bridges ECCS MC 3 www.steelbridge06.com	Prague, Czech Republic
21-23 June 2006	XI International Conference Metal Structures Polish Academy of Sciences – Committee for Civil Engineering www.icms2006.prz.rzeszow.pl	Rzeszów, Poland
14-17 August 2006 	STESSA 2006 – Fifth International Conference : “Behaviour of Steel Structures in Seismic Areas” Tokyo Institute of Technology / University of Naples “Federico II” E-Mail: stessa06@unima.it	Yokohama, Japan
20 September 2006	Steel a New and Traditional Material for Building Asociatia Producatorilor De Constructii Metalice Din Romania (APCMR) E-Mail : apcmr@siderurgica.ro	Poiana-Brasov, Romania



People & Committees

Please note the following changes:

People

Changes in the contact details:

* New address of Mr. Léopold Sokol:

Léopold Sokol
ARCELOR Construction
20, rue Jacques Daguerre
92500 RUEIL-MALMAISON
FRANCE

* Please note that Mrs Mary Brettle has changed of position. Mrs. Brettle left BRE joined the Steel Construction Institute on 07 March 2005. Her new contact details are as follows:

Mary Brettle
Steel Construction Institute
Silwood Park
Ascot
Berkshire
SL5 7QN
Tel.: +44-1344/623 345
E-Mail: m.brettle@steel-sci.com

Committees

* **MC 3** : Some changes occurred in the membership of the committee:

- **Mr. Unto Kalamies** (FIN) is leaving the Committee and will be replaced by **Mr. Tomi Harju** (FIN) His details are as follows:



Committees – Continuation

Tomi Harju M.Sc. (Eng)
Product Manager
Ruuki Construction
Rautaruukki Oyj
Harvialantie 420
13300 HÄMEENLINNA
FINLAND

Tel. : +358-20/59 2517

Fax : +358-20/59 25873

E-mail : tomi.harju@ruukki.com

Web : www.ruukki.com

- **Mr. Carlos Gil** (PT) resigned from his position in the Committee.

* **MC 5: Mr. Carlos Costa** (PT) is no longer in position to maintain his membership to the Committee.

* **TC 8:** Two main changes:

- TWG 8.3: Further to the disbanding of the existing TWG 8.3, a new Chairman has been elected. **Prof. Mrs. U. Kuhlmann** (Stuttgart-DE) will replace **Prof. R. Maquoi** (Liège-BE). The new Chairman will look for new members and define the activities of this working group.

- TWG 8.4: The Chairman of this Working Group, **Prof. Schmidt** (Essen-DE) retired. The Chairman elected is **Prof. Michael Rotter** (Edinburgh-UK).

