



NEWSLETTER

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In this issue

p. 1 Editorial

p. 2 New publications

p. 8 ECCS Annual Meetings

p. 10 News from ECCS

p. 12 News from our Members

p. 14 News from external sources

p. 17 ECCS Committees Diary

p. 18 ECCS & External Events

p. 20 Events Calendar

p. 22 People & Committees

EDITORIAL



*By Allan Collins, Chairman
of the ECCS Executive
Board*

I would like to start this editorial by thanking, on behalf of all of our members, the "Syndicat de la Construction Métallique de France", especially Jean-Louis Gaudiard, for the excellent organisation of our 50th Annual Assembly in Nice.

Now we have to look forward to the years ahead and ensure that the ECCS delivers a better market place for all of our members.

The big question is how do we do this? May I take this opportunity to remind everyone of the

ambitious plans that are being implemented by all of you, the members of this organisation?

The Technical work of the ECCS has been given a new direction by Prof. Dr. Gerhard Sedlacek. By the time you read this we will have had a meeting with the E. U. Commission, DG Enterprise. We expect this meeting to clarify the involvement of the ECCS in the Commission/JRC-network for the implementation of the Eurocodes. We will establish that the ECCS is the competent partner for Promotion, Maintenance, Harmonisation and Further Development of the codes. We will work as a partner to promote the use of the codes in countries outside of the EU and we will work to overcome "National Differences" to improve the efficiency of the single market.

To prepare for this work the Annual Assembly approved the formation of four working groups; these groups will be responsible for delivery of the objectives and will draw on the expertise of the existing Technical Committees.



Bertrand Lemoine, Chairman of the P.M.B, explained our Promotional programme. This programme was also given approval at the Annual Assembly. The programme covers a wide range of subjects and target markets. This work will be funded by further contributions to the ECCS promotional fund. The most important point for ALL of our members is that they will be able to have input to the direction of the work. The role of the N.A.M.s is essential in providing information regarding the local market and potential areas for ECCS promotional activity. I would urge all of our members to get involved in this programme and to support the Marketing Committees that have been established.

The other important action was the adoption of the new ECCS Strategy Document, which will guide the organisation for the next few years. This has several important objectives: To increase the value of membership, to expand the membership and to increase and develop the revenue of the ECCS. This document will be core to the actions

of the Executive Board and constitutes guidance to the T.M.B and P.M.B.

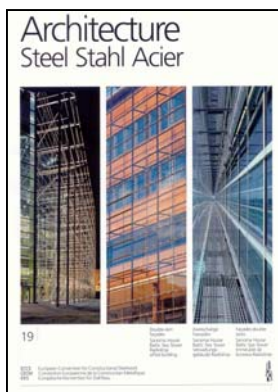
So there we have the plan, but I would like to add another aspect to the operation of the ECCS. This is the role of the N.A.M.s in encouraging practicing fabricators and contractors to get involved with the ECCS and its committees. Back in the 1980,s the Annual Assemblies were much better attended by members of the national associations. Over the past few years the trend has been to see representation by officials and sometimes the president of the N.A.M. This is not a good way to get a proper interchange of ideas. The new programmes that have been identified and will now be put into practice will deliver more benefits if the practitioners are active participants.

This will be my last year as Chairman of the Executive Board, please help to make it a landmark year for the E.C.C.S.

Allan Collins.

New Publications

ECCS Publications



**Architecture
Steel Stahl Acier**
**N° 91-19:
Case Study – Double-
skin façades**
Price: € 5, -
ISBN 92-9147-000-78

In Finland, where the climatic conditions are severe, special attention has been given to using double-skin façades for extensive glazed surfaces. In addition the objective has been to maximize the amount of natural light in working environments.

At the end of 1990's and at the beginning of early 2000 several office buildings with double façade were erected in the country.

* * * * *

In Finland, wo extreme klimatische Bedingungen herrschen, muß für vollverglaste Fassaden besondere Sorgfalt auf zweischalige Konstruktionen gerichtet werden. Zusätzlich wird ein möglichst hoher Anteil an Tageslicht für die Arbeits bereiche angestrebt.

In den späten 1990-ern und zu Beginn des 21. Jh. wurden in Finnland verschiedene Bürogebäude mit zweischalig verglasten Fassaden errichtet.

* * * * *

En Finlande, où les conditions climatiques sont rudes, on s'intéresse particulièrement à l'utilisation de façades double peau pour les grandes surfaces vitrées. L'objectif est aussi de privilégier au maximum la lumière naturelle dans les espaces de travail.



A la fin des années 1990 et au début des années 2000 plusieurs immeubles de bureaux à double façade ont ainsi été construits dans le pays.



**Architecture
Steel Stahl Acier**

**N° 91-20:
Case Study – 50 years
of steel architecture in
Europe**

Price: € 5, -

ISBN 92-9147-000-79

50 Years Of Steel Architecture In Europe

Established in 1955, the European Convention for Constructional Steelwork was one of the first European institutions. The celebration of its 50th anniversary is an opportunity to bring together for the first time a selection of one hundred projects built over the past 50 years across Europe, presented in the form of an exhibition inaugurated in Nice and in the present issue of Architecture Steel Stahl Acier.

The constructions, small and large, of various types - from single dwellings to industrial buildings, museums and stadiums, as well, of course, as bridges - provide an overview of the construction possibilities and architectural potential provided by steel, notably when used for structural purposes. "50 years of steel architecture in Europe" highlights through this chronological overview the continuing relevance of the qualities of this material: possibility for standardisation and prefabrication, flexibility of use, advanced technology, diversity of components and appearance - grades of steel that are adapted and/or adaptable depending on the part of the building where they are used- and a modern material in terms of both its aesthetic appeal and technical applications.

* * * * *

50 Jahre Stahlarchitektur In Europa

Im Jahre 1955 wurde als eine der ersten europäischen Institutionen die Europäische

Konvention für Stahlbau gegründet. Zum 50-jährigen Bestehen dieser Organisation findet in Nizza eine Ausstellung statt, in der erstmalig eine Fotosammlung von hundert Bauwerken zu sehen ist, die in den letzten 50 Jahren europaweit errichtet wurden. Diese Fotos sind auch in der vorliegenden Ausgabe der Fachzeitschrift Architecture Steel Stahl Acier veröffentlicht.

Diese kleineren und größeren Bauwerke verschiedenen Typs - wie Einfamilienhaus oder Industriegebäude, Museum oder Stadion, ohne die Ingenieurbauten mit künstlerischem Anspruch zu vergessen - bieten eine Übersicht über die bautechnischen Möglichkeiten des Baumaterials Stahl und sein architektonisches Potential, insbesondere wenn er in Form einer Struktur Verwendung findet. In der Ausstellung "50 Jahre Stahlarchitektur in Europa" werden dem Besucher die auch heute noch interessanten Qualitäten dieses Baumaterials näher gebracht: Möglichkeit der Standardisierung und Vorfertigung, Flexibilität bei der Verwendung, modernste Technologie, Vielfalt der Bauelemente und abwechslungsreiches Erscheinungsbild der je nach Gebäudeabschnitt verwendeten und/oder verwendbaren Stahlsorten sowie moderne Ästhetik und technische Umsetzung.

* * * * *

50 Ans D'architecture Métallique En Europe

Fondée en 1955, la Convention européenne de la construction métallique a été l'une des premières institutions européennes. La célébration de son cinquantième anniversaire est l'occasion de réunir pour la première fois un choix de cent réalisations construites depuis 50 ans de part l'Europe, présentées sous la forme d'une exposition inaugurée à Nice et dans le présent numéro de Architecture Steel Stahl Acier.

Ces édifices petits et grands, de typologies variées - de la maison individuelle au bâtiment industriel en passant par le musée ou encore le stade sans oublier les ouvrages d'art - donnent un aperçu des possibilités constructives qu'offre l'acier et de ses potentialités architecturales, notamment lorsqu'il est utilisé en structure. "50 ans d'architecture métallique en Europe" met en lumière, à travers un parcours chronologique, les qualités toujours actuelles de ce matériau: possibilité de standardisation et de préfabrication, souplesse



d'utilisation, technologie avancée, diversité d'éléments et d'aspects - des aciers adaptés et/ou adaptables suivant la partie du bâtiment à laquelle ils participent -, et une modernité à la fois esthétique et technique.



2005 European Steel Design Awards brochure

This publication gathers the projects presented by our members for the

2005 European Steel Design Award. Twenty entries were presented and awarded.

This booklet of 48 pages displays the entirety of the awarded projects with the grounds of the jury.

For order, please apply to Jean-Louis Gauiliard, S.C.M.F. : jlgauiliard@scmf.com.fr

External Publications

1- OUR MEMBERS



NEW CMM PUBLICATION



Manual de Dimensionamento de Estruturas Metálicas
(Design Manual of Steel Structures)

Author: Rui A. D. Simões

Date of release: September 2005

Publisher: **cmm press**
Size: 170x240 mm
Pages: 224

Language: Portuguese

In this book, the basic theoretical concepts are introduced, along with the main layouts and ruling models applicable to the calculation and design of elements in current steel structures (columns, beams, ties, etc.).

Besides providing the necessary theoretical concepts for a good understanding of the evolved phenomena, this manual intends essentially to be a supporting tool for the use of the new European regulation of calculation and design of steel structures – Eurocode 3: Project of Steel

Structures, Part 1-1: General rules and rules for buildings.

In order to achieve this aim, at the end of each chapter are provided several solved examples of application, concerning the analysis of steel structures and the dimensioning of elements under several types of forces, acting separately or combined.

cmm will support the publishing of this book, making it available for sale on its website www.cmm.pt.

About the author

Rui A. D. Simões is a Professor in the Civil Engineering Department of the University of Coimbra, where he got his BSc in 1990, his MSc in 1995 and his PhD in 2000.

Since October 1990, he has been teaching several courses in the BSc and MSc in the Civil Engineering Department, of which we highlight Strength of Materials and Steel and Composite Constructions. In the school years of 2001/2002 and 2003/2004, he carried out the position of guest Professor in the Polytechnic Institute of Tomar.

In terms of scientific research he has developed, guided and published work in the area of Steel and Composite Constructions. He has had a direct participation in rendering services in the University of Coimbra, as well as in Industry,



namely through the elaborations of comments, the accomplishment of tests and the control of materials' quality.

He is a member of **cmm** – Portuguese Steelwork Association since its foundation in 1997, and he has had an active role in the scientific and/or organizing commissions of some Congresses.

As an Engineer he has participated in the elaboration of several structures' projects, in particular of steel structures.

CMM - Associação Portuguesa de Construção Metálica e Mista
Member of ECCS - European Convention for Constructional Steelwork
Departamento de Eng. Civil - Universidade de Coimbra
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Email: cmm@cmm.pt Web: <http://www.cmm.pt>

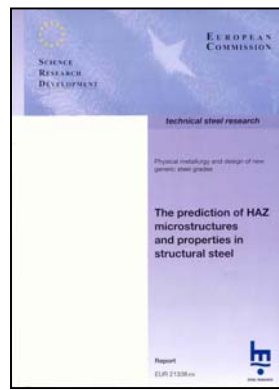
both single- and multi-pass conventional arc and high energy density welding processes. The work on single-pass welds has been based on the prediction of the metallurgical structure of the HAZ from the chemical composition and relevant welding process.

This validated program, called HAZMET, provides for both the expert and non-expert user by altering the number of variables the user can employ and decisions that have to be made. It can provide a property prediction, explore the effects of different welding processes and weld geometries and the influence of PWHT on the final results.

The results of the microstructural predictions have been extensively validated against a wide range of real welds and an improved microstructure characterisation procedure has been developed within the project to permit this.

The model for multi-pass welds has been developed from an existing model, which is based on the prediction of the location of Martensite-Austenite zones within the HAZ. The software has been re-developed and it can now be used for parametric studies or joint simulations. It represents a first step in the prediction of the properties and mechanical behaviour of multi-pass welds. The software (MULTIPASSE3) has been validated by comparison with a real welded joint and the hardness values and amount of MA obtained on an E450 TMCP steel were satisfactory. The software links the local brittle zone locations and associated high hardness values to low toughness. The code can be readily improved as understanding increases.

2-EUROPEAN COMMISSION



Technical Steel Research
Steel Structures

The prediction of HAZ microstructures and properties in structural steel

EUR 21338 EN
ISBN 92-894-9593-6

Price: EUR 35- ((Excluding VAT)

The overall aim of this project has been to derive quantitative thermodynamic and kinetic algorithms and use them to develop personal computer based programs that can predict microstructural development as a series of contours around welds. The work has covered



Technical Steel Research
Steel Structures

Natural fire safety concept- The development and validation of a CFD-based engineering

methodology for evaluating thermal action on steel and composite structures



EUR 21444 EN
ISBN 92-894-9594-4

Price: EUR 25- (Excluding VAT)

A CFD-based engineering methodology has been developed for determining the thermal behaviour of structural elements in steel/composite-framed buildings subjected to natural fires.

An embedded mesh solver was developed and implemented into the SOFIE CFD code to accurately determine heat conduction within composite solid components. The solver was made accessible via a graphical user interface, JOSEFINE, enabling efficient specification of structural elements such as I-beams and columns, with and without protection.

A systematic and progressive validation of the CFD-based methodology was undertaken to ensure confidence in, and the robustness of, the procedure. Key controlling parameters were determined from an analysis of the results. Further insight into the model performance was provided by comparative simulations undertaken with the OZone and MRFC zone models.

The heat transfer parameters pertaining to the simple models defined in the structural Eurocodes (EC1, EC3) were reviewed. Recommendations are presented on equivalent parameters derived from the CFD simulations. Critical analysis of the simple methodologies has shown that, in some situations, the theoretical ambiguities of the basic governing heat transfer equation may lead to significant errors in the calculated heat flux.

Further recommendations have been developed as 'best practice' guidance for the advanced methodologies covering general fire science issues, as well as those specific to structures in natural fire, such as smoke, high-temperature material properties, moisture/intumescence effects, distributed burning, and CFD-specific issues including the general procedures for running simulations, for selecting physical and numerical models and performing appropriate sensitivity studies and making adequate reference to relevant validation.



Technical Steel Research
Steel Structures

**Development of
alternative technologies
for off-site applied
intumescent coatings**

EUR 21216 EN
ISBN 92-894-9165-5

Price: EUR 25-
(Excluding VAT)

The overall objective of this collaborative project between Corus, ProfilArbed, Centro Nacional de Investigaciones Metalúrgicas (CENIM) and the Centre Technique Industriel de la Construction Métallique (CTICM) was to support the case for using steel in the construction industry for addressing a number of issues in the area of fire protection, particularly in so far as they affect the case for taking fire protection off-site.

Firstly, a number of new resin chemistries were examined to promote development of the next generation of thin film intumescent coatings. A number of different generic resin systems were examined as binders for thin film intumescent coatings; these include epoxy, polyurethane and methacrylate systems. The properties of these new systems were evaluated using physical and small-scale fire tests. One formulation developed was tested in a large-scale fire test at CTICM and gave promising initial results.

Secondly, tests were made to ensure that the coatings currently available are suitable for off-site application, particularly with respect to their durability over the limited periods when they would be exposed to the natural environment during storage and erection. Two commercially available coatings were examined in a wide range of natural and accelerated durability tests and by the use of Fourier transform infrared (FTIR) and thermal gravimetric analysis techniques. The two coatings showed very different performance levels despite being based on the same basic chemistry and resin type.



Finally, some of the construction practices currently used were examined to determine if changes could be made in order to enhance the case for using off-site protected steel. The type of damage that occurs during a typical off-site intumescent coating project was assessed, as was the effect that the damage would have on the overall fire performance properties of the coated sections. The use of uncoated bolts was shown to be feasible as long as certain conditions were adhered to.



Technical Steel Research
Steel Structures

**Calculation rules of
lightweight steel
sections in fire situations**

EUR 21426 EN
ISBN 92-894-9750-5

Price: EUR 35- (Excluding VAT)

Due to a number of specific advantages, more and more lightweight steel structures are used in constructions as both non-load-bearing and load-bearing members. This has led to the development of relevant design rules for room temperature application in different standards, such as part 1.3 of Eurocode 3 [1]. However, as far as design for the fire limit state is concerned, knowledge remains still quite poor in this field due to lack of sufficient research. As a consequence of this, the present project aims:

- * to provide available data on the basis of an extensive experimental investigation and a series of parametric studies using validated advanced calculation models;
- * to develop relevant simple design rules for load-bearing capacity of lightweight structures under different conditions;
- * to elaborate a simple extrapolation method for high non-load-bearing partition walls exposed to fire.

In order to achieve these objectives, within the scope of this project, the following items have been studied:

- material mechanical properties of lightweight steels at elevated temperatures;
- behaviour of lightweight steel members under normal utilisation conditions (room temperature);
- behaviour of isolated lightweight steel members engulfed in fire;
- fire behaviour of lightweight steel members maintained by boards;
- fire performance of lightweight steel structure assemblies;
- an assessment method to extend test results of small-size partition walls to very high non-load-bearing partition walls.

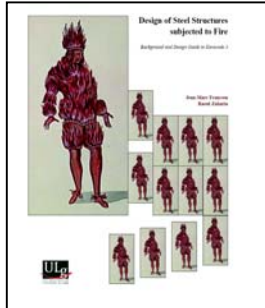
From the extensive amount of work carried out by all the partners involved in the project, the main outcomes were:

- the development of a mathematical material model for two types of cold-formed lightweight steels at elevated temperatures in accordance with part 1.2 of Eurocode 3 [2];
- an investigation of the design rules of lightweight steel members at room temperature by means of bath tests and numerical analysis;
- the development of design rules for isolated lightweight steel members under compression at elevated temperatures;
- the development of design rules for maintained lightweight steel members under different heating regimes at elevated temperatures;
- the establishment of a simple extrapolation method for high non-load-bearing partition walls made of lightweight steel stud members and plasterboards.

To place your order for these publications, please apply to the sales agents of the Office for Official Publications of the European Communities. The list of sales agents is available on the website <http://publications.eu.int>



3- UNIVERSITÉ DE LIÈGE



Design of Steel Structures Subjected to Fire - Background and Design Guide to Eurocode 3

Authors: Jean-Marc Franssen and Raul Zaharia

Price: EUR 37- (Delivery included)

Jean-Marc Franssen is a Research Director in the National Fund for Scientific Research Belgium, at the University of Liege in Belgium from where he graduated in 1982.

Raul Zaharia graduated from the Technical University of Timisoara in Romania in 1993 and conducted his Ph.D. research in the field of steel structures.

Note : Special conditions apply for **Romania** ; Contact [Raul Zaharia](mailto:raul.zaharia@ulg.ac.be)

Information about this book, including the table

of content, can be seen on <http://www.structuresinfire.com>

The book deals mainly with EN 1993-1-2 that has been issued very recently by CEN. You will see that, in fact, Eurocode 1 (EN 1991-1-2) is also mentioned in this book because one chapter is dedicated to mechanical loading and one chapter to thermal actions.

The book is not a substitute for the Eurocodes. It gives some explanations about the meaning of the rules and shows by worked out examples how they have to be applied practically. It is expected that the reader will be in a better position to apply the fire Eurocode correctly and to interpret the rules in situations that are not exactly the ones foreseen in the code.

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ECCS ANNUAL MEETINGS - NICE 2005

ECCS INTERNATIONAL SYMPOSIUM



The year 2005 is a great milestone for the ECCS. It is its 50th Anniversary of service to the steel

construction. It is an historic opportunity to encourage international co-operation in the profession, as well as to celebrate the accomplishments. Therefore, a special two-day International Symposium has been organised on 20-21 September 2005 under the title "Architecture and Steel" followed by a Gala Dinner and the Annual Meetings of the ECCS. Jean-Louis Gaudiard, representing the French association member of the ECCS, the Syndicat de la Construction Métallique de France (SCMF), hosted these Golden Anniversary events in the beautiful surroundings of the "Palais de la Méditerranée", in Nice.

The Symposium reviewed the achievement of the steel construction industry from 1955 to 2005, and



looked at state-of-art research today and towards the future. More than 250 delegates from 20 countries and honoured guests (among them Hervé Libert, past Chairman of the Executive Board, Jacques Vanneste and Robert Salkin, past Secretary General) attended the Symposium as well as the Gala Dinner held on 21 September.



Exhibition "50 Years of steel architecture in Europe"

To go with the commemoration of the 50th Anniversary, of the ECCS, the Mayor of Nice inaugurated on 20 September the exhibition entitled "50 Years of steel architecture in Europe", which shows a selection of one hundred buildings and bridges with a steel structure built during the last 50 years in Europe, including topical projects. The examples are selected in order to illustrate the variety of architectures and steel typologies in Europe, showing various scales of realization and the evolution of trends and technologies.

The exhibition is designed to interest a large audience as well as professionals. It includes 100 photographs displayed in a metal framing. An itinerant version will be shown in other countries of Europe. A catalogue of 16 pages takes up all the projects shown in the exhibition (n° 20 of our publication "Architecture Steel Stahl Acier") (see our website www.steelconstruct.com).

This year 2005 coincided with the bi-annual European Steel Design Award programme, which has been coupled with a special "European Architecture Student Award". The Awards presentation ceremony took place on 21 September, in the afternoon. All the projects entered for an award were of high quality. A trophy together with a diploma was presented to



2005 European Steel Design Awards Winners

the winners. As for the Architecture Student Award, it consisted of a diploma.



European Architecture Student Award

The 50th Anniversary Ceremony went on in the evening with the Gala Dinner, at which the Chairman of the Executive Board, Allan Collins presented the Charles Massonnet Award to Prof. Giulio Ballio in recognition to the work he has carried out as prominent scientist and researcher in the field of the steel construction and as member of ECCS Working Committees.

It can be concluded that the ECCS International Symposium in Nice was a successful event, and we hope the discussions and the friendly contact among specialists will help to meet further achievements in the steel construction.

The ECCS would like to take this opportunity to extend our thanks to Jean-Louis Gaudiard and to all the people who collaborated to make this event a prestigious one. It also gives thanks to the Mayor of Nice, Mr Jacques Peyrat, for his warm welcome and the opening reception of the



exhibition issued in connection with the symposium, and all participants for their presence. The ECCS hopes that the symposium will remain a pleasant memory for all people who honoured the meeting with their presence and co-operation.

Conference proceedings as well as photos are available on CD-ROM from the SCMF and ECCS.

Note: Photos taken during the various events have been posted on SCMF website: <http://www.scmf.com.fr/>

ECCS ANNUAL MEETINGS

As usual, the ECCS held its Annual meetings after the symposium. The Technical Meeting, chaired by Prof. Gerhard Sedlacek, was held on 22 September in the morning. The Chairman introduced the session by defining the new ECCS tasks. The invited lectures dealt with several items such as pedestrian bridge, steel and glass and how to prevent cracks from zinc coating in regard with the Eurocodes. The Chairman concluded the session with the presentation of the projects, which could result from the co-operation with the European Commission.

The afternoon was dedicated to the Market Development and Promotion Session, chaired by Bertrand Lemoine. The meeting started with Geoffrey Taylor's presentation on the ECCS Statistical Report. Geoffrey Taylor stated that National statistics give opportunities for intra-national usage comparisons. Therefore, he urged all Members to submit accurate market share data to allow like-with-like statistics. Success would be an incentive.

Scott Chubbs (IISI) presented the Living Steel Programme, which is a five-year program beginning in 2005 whose goal is to grow the market for steel use in construction. The co-operation with the ECCS will be materialized by the creation of World Steel Construction Council, which will exchange information to support each organization member's goal. The possible joint work would be the organizing of seminars and workshops, issuing of publications and case studies, and last but not least carrying out research.

Anders Olsson (SBI, Sweden) presented the S.T.E.E.L. programme, which is a supranational tool for enhancement of the Eurocodes on line.

Selçuk Ozdil (Arcelor, Turkey) reported, through a video show, on the progress work of the Turkish School, a joint venture TUCSA-ECCS-ARCELOR.

Tom Goldberg (BCSA, U.K.), spoke about steelwork in China underlining the main characteristics of this market

A technical visit of the observatory of Nice was also organised for the participants.

The proceedings (1 CD-ROM) are available from the French association SCMF or the ECCS.

The Executive Board took place on 23 September in the morning, and reported to the Annual General Meeting, which was held in the afternoon. The accounts were approved as well as the 2005 Budget.



NEWS

News from the ECCS

➤ Appointment of the new ECCS President and Vice President

Further to the Annual Meetings held in Nice, France, on 22-23 September 2005, the Members appointed Prof. Dan Dubina (Romania) as the ECCS President, and Mr J.B. Schleich



(Luxembourg) as Vice President for the year 2005-2006:

The Chairman of the Technical Meeting for 2006 will be Prof. Gerhard Sedlacek (DE), and Bertrand Lemoine will chair the Market Development and Promotion Session.

➤ New Chairman welcomed

The ECCS is delighted to welcome Alberto Miazzon as Chairman elect. He will work one year overlapping with Allan Collins.

Dr. Miazzon has a strong knowledge of steel construction, and his company, “OMBA», has a good experience in steel construction. Indeed, it took part, among others, in the Storebaelt Bridge construction.

Dr Alberto Miazzon is President of the Engineers’ Association in Italy.

➤ ECCS School Project in Turkey: Erection of the first column



The Protocol being signed in April 2005, the marking of the site and excavation done, the construction of the **Tevfik Seno Arda High School**, located in Izmit, in the province of Kocaeli, Turkey, could be launched.

On 14 September 2005, the parties involved in the erection of this school, i.e. the Turkish Constructional Steelwork Association (**TUCSA**), represented by Nesrin Yardimci, TUCSA President, the European Convention for Constructional Steelwork (**ECCS**), represented by Allan Collins, Chairman of the Executive Board,



Bruno Theret, Nesrin Yardimci, Allan Collins

and **ARCELOR**, represented by Bruno Theret, placed the first column of the steel structures. The erection ceremony took place in presence of the Governor of Kocaeli Province, Erdal Ata, Parliamentarians as well as the Mayor of the city, high-level

officials, guests and the press.



Allan Collins at the Column Erection Ceremony

In his speech, Allan Collins, Chairman of the ECCS Executive Board, stated: “... I am confident that the result for this steel framed school will be impressive. I certainly know which type of structure I would prefer to be in when an earthquake takes place.

Mr. Governor, Mr Mayor, Ladies and Gentlemen, I think we owe a debt of gratitude to the major sponsors and suppliers to this project. Without the generous donations the project has received, the construction of this school could not take place”.

Allan Collins and Erdal Ata, the Province Governor, embedded the first column. The Column Erection Ceremony has been reported in several construction magazines and daily



newspapers. It has been an opportunity to promote steel schools.



Erection of the first column by Erdal Ata (Province Governor) and Allan Collins (ECCS Chairman)

The Column Erection Ceremony has been covered by the national press and reported in several construction magazines.



At the ceremony: Nesrin Yardimci (TUCSA President), Allan Collins (ECCS Chairman), Bruno Theret (ARCELOR), Erdal ATA (Province Governor)

ARCELOR started in September 2005 the forwarding of steel structure, and CORUS the decking material. The completion of steel structure erection is due for 05 November 2005. The school has to be delivered in January 2006.

Web-cameras are placed on the construction site to follow the construction in real time (www.tucsa.org). Advertisement on daily news and sector magazines has started and will continue frequently.

➤ **Exhibition “50 Years of Steel Architecture in Europe”**

The exhibition "50 years of steel architecture in Europe" is designed to go with the

commemoration of the 50th anniversary of this institution. It is displayed at the “Forum d'Urbanisme et d'Architecture” of the city of Nice, from 21 September - 19 November 2005

The exhibition shows a selection of one hundred buildings and bridges with a steel structure built during the last 50 years in Europe, including topical projects. The examples are selected in order to illustrate the variety of architectures and steel typologies in Europe, showing various scales of realization and the evolution of trends and technologies. The exhibition is designed to interest a large audience as well as professionals. It includes 100 photographs displayed in a metal framing. An itinerant version will be shown in other countries of Europe. A catalogue of 16 pages takes up all the projects shown in the exhibition (n° 20 of the review Architecture Steel Stahl Acier).

Forum d'urbanisme et d'architecture de la ville de Nice

1 place Pierre-Gautier, Cours Saleya, Nice.
(see our website www.steelconstruct.com)

News from our Members

➤ **AGORIA** - **Philippe Callewaert appointed Manager of the Constructional Steelwork Department**

In order to serve better the members of the Constructional Steelworks Department, Agoria recruited Mr. Philippe Callewaert who will take over Félix Van Eyken's duties in this sector. Félix Van Eyken will, then, from now on be able to concentrate his tasks on the “Heating” Department.

M. Philippe Callewaert
Agoria
Diamant Building
Boulevard A. Reyers 80
B-1030 Bruxelles

Tel + 32 2 706 79 59
Fax + 32 2 706 79 66

E-mail philippe.callewaert@agoria.be



➤ **BCSA British Constructional Steelwork Association Ltd. – New President and Deputy President**

Further to its AGM held on 14 July 2005, BCSA made new appointments for the forthcoming year. Donald McCormack, Managing Director of Terence McCormack Ltd, based in Newry, Co down, was elected President, and Richard Barrett, Managing Director of Barrett Steel Buildings Ltd., based in Bradford, West Yorkshire, was elected Deputy President.



➤ **Samenwerkende Nederlandse Staalbouw Resignation of the Director**

Drees Brunt, who was Director SNS, notified his resignation to the board due to a change of position. His successor has not yet been appointed.

➤ **S.C.M.F. Syndicat de la Construction Métallique de France – Jean Roret passed away**

It is with great sadness that the SCMF regrets to announce that Mr. Jean Roret passed away in Nice, on 09 August 2005, at the age of 80. He was past Deputy President and treasurer of SCMF.

Mr Roret chaired during various years the “Commission Promotion”, and represented the French Steel Constructional industry in various French and international bodies, among them the ECCS.

➤ **IMK – Institute of Metal Constructions -7th Slovenian Steel Construction Days**

The Institute of Metal Constructions organised in June the 7th Slovenian Steel Construction Days. During this event, projects were presented for the Award of the Best Steel Structure in Slovenia. They all proved that steel remains the most

suitable material for buildings combining versatility and functionality, which gives free way to the imagination.



Opening address of the 7th Slovenian Steel Construction Days

The Award was presented to the project “Multicinema TUŠ”, in Novo Mesto. The main features of this project are the two floating halls that hang on the steel structure above the free ground floor of the entering foyer. The project was designed by the project planning company ELEA iC d.o.o. and manufactured and assembled by Trimo d.d. The architect was Janez Koželj, professor at the Faculty of Architecture in Ljubljana. Several interesting nominated projects were presented, among them was the new steel “Cerkvenik” Bridge, in Škocjanske jame, and the steel canopies of the international border crossing Obrežje, between Slovenia and Croatia.



Ebner Milos, Crtomir Remec, the Awardee



*Cultural program of young musicians
(Sara Remec performing)*

Besides the presentation of the Award, two professional lectures were delivered. They were devoted to the rules of mechanical resistance, stability of buildings, and the presentation of standard OSIST prEN 1090:2004 Steel and Aluminium structural components.



➤ **Turkish Constructional Steelwork Association – PROSteel 2006 International Steel Design Competition for Students**

TUCSA is organising the “PROSteel-2006” International Steel Design Competition for Students under the auspices of ECCS. TUCSA has been organising regularly steel design competitions for students every year since 2000 together with Istanbul Technical University (ITU) or Borusan Mannesman Boru Inc, the main supporter of PROSteel.

The main objectives of this competition are:

- to encourage architecture and engineering students to work together within joint teams;
- to introduce the advantages of steel to the large number of students;
- to develop European identity and mutual understanding among European students;
- to increase their international experiences;
- to exchange knowledge and culture among different countries and education systems;

- to encourage the individual participants to establish multinational combine teams besides single nation teams.

Prizes:

The winners will be awarded the following prizes:

▪ 1 st Degree prize	€	3.000,-
▪ 2 nd Degree Prize	€	2.000,-
▪ 3 rd Degree Prize	€	1.250,-
▪ Special Prize by Borusan	€	2.500,- (*)
▪ Combine team special prize	€	1.000,- (*)

(*) may be received together with a degree prize

Entries have to be sent not later than 20 January 2006. The Award Ceremony and Exhibition will take place late April 2006.

For further details, please contact TUCSA:

H. Yener Gur'es

Secretary General
TUCSA

e-mail: yenergures@gmail.com or GenSek@tuksa.org

News from external sources

➤ **IISI – Living Steel Grows with Four New Members**

Living Steel is pleased to announce four new members of its programme. They include:

- Shanghai Baosteel Group Corporation;
- The European Convention for Constructional Steelwork (ECCS);
- The International Zinc Association (IZA);
- The Steel Construction Institute (SCI).

Living Steel Programme Director, Scott Chubbs, has expressed his appreciation for the willingness of both corporations and leading industry bodies to support and endorse the Living Steel programme.

“We are extremely excited by the progress Living Steel has made in such a short period of time”, said Mr Chubbs.



“The amount of positive feedback we have received from across all areas of the industry demonstrates a keen willingness of people to make a difference.”

“We are passionate in our attempts to advance the development of more sustainable housing encourage all companies, both large and small, to participate in this programme”, added Mr Chubbs.

Living Steel is a five-year worldwide programme to stimulate innovation in the design and construction of housing and is managed by the International Iron and Steel Institute (IISI) on behalf of the programme members.

Current members of Living Steel include Arcelor, Baosteel, BlueScope Steel, CELSA Group, Corus, Erdemir, IMIDRO, Mittal Steel, Posco, Ruukki, and Tata Steel, The European Convention for Constructional Steelwork, The Steel Construction Institute, and The International Zinc Association.

Editor's Notes

Shanghai Baosteel Group Corporation is one of the world's leading steel producers and joins 10 other international steel producers who are already benefiting from their participation in Living Steel. www.baosteel.com

The European Convention for Constructional Steelwork (ECCS) is the federation of the National Associations of Steelwork industries and covers a worldwide network of Industrial Companies, Universities and Research Institutes. : www.steelconstruct.com

The International Zinc Association (IZA) is based in Brussels and represents and supports zinc producers and users around the world. The synergy of steel and zinc within Living Steel will strengthen the development of durable and sustainable steel housing solutions. www.iza.com

The Steel Construction Institute (SCI) is the world's largest independent technical institute supporting the use of steel in construction. Based in the United Kingdom, SCI is at the forefront in the development of new steel-based housing systems. www.steel-sci.org

To find out more about the Living Steel programme and the benefits of participation visit www.livingsteel.org or contact Scott Chubbs, Programme Director, Living Steel, at scott.chubbs@livingsteel.org.

➤  **IABSE-International Association for Bridge and Structural Engineering – IABSE Conference New Delhi**

IABSE CONFERENCE NEW DELHI, FEBRUARY, 2005 PROCEEDINGS AND CD AVAILABLE

The Conference “*Role of Structural Engineers towards Reduction of Poverty*”, New Delhi, India, February 19-22,2005, was organised by the Indian Group of IABSE. It attracted 275 participants from India and 25 other countries.

The conference theme addressed the multidisciplinary aspects of structural engineering and was oriented towards sustainable infrastructure development with pre-disaster preparation and post-disaster mitigation. Contributions were presented in various sessions with following topics:

Reduction of Poverty and Holistic Approach; Rebuilding Hope - Rebuilding Infrastructure; Sharing of Experience in Developing Nations; Habitat and Building; Transportation Structures; Mitigation of Disaster; Water Supply and Public Sanitation, Irrigation and Flood Control and Energy Structures.

A Young Engineers Session and a Round Table Discussion Session were also organised.

Keynote Lectures

- We can change the World Indigenous Infrastructure - a Key to Poverty Alleviation, Jörg Schlaich, Germany
- Structural Engineers and Holistic Approach to Poverty Reduction, S.S: Chakraborty, India
- The Successful Experience on Reduction of Poverty of China Civil Engineers, Tan Qinlian, China
- Indigenous Bridges, Mike Schlaich, Germany
- Sustainable Habitats and Structures, C.R. Alimchandani, India



- Integration of Existing Sewers and Drainage in New Urban Structures, Philippe van Bogaert, Hans de Backer, Bart De Pauw and Wouter de Corte, Belgium
- Transport and Poverty Alleviation, George Tharakan, India
- Korean Structural Engineers Bridge Sustainable South-North Economic Cooperation, Hyun-Moo Koh, Sung Pil Chang and Jinkyoo F. Choo, Korea
- Today and Future Bridge Projects in China, Maorun Feng, China

Role of Structural Engineers towards Reduction of Poverty New Delhi Conference Report - Vol. ~9

9 Keynote Lectures and 66 contributions in English
 Book and CD, both with full contributions
 582 pages
 Format: 170 x 240 mm
 ISBN: 3-85748-111-0
 Published: New Dehli 2005
Price: IABSE Members: CHF 80.-
 Non-Members: CHF 140.-
 Including mailing costs

The book can be ordered at:
www.iabse.org/publications/orderform/index.php
 (Contact: Sissel Niggeler, Marketing and Communication Manager, at the above address).

**“STRUCTURES AND EXTREME EVENTS”
 IABSE SYMPOSIUM LISBON 2005 –
 PROCEEDINGS AND CD AVAILABLE**

The Symposium “Structures and Extreme Events” Lisbon, Portugal, September 14-17, 2005 attracted 510 participants from 41 countries. Nine Keynote Lectures and 127 contributions are included in the Symposium Report (short versions) and on the CD-ROM (full versions). They address: *Seismic Behaviour; Seismic Retrofitting and Isolation; Wind Effects; Flood, Snow and Hail; Impact and Extreme Loads; Blasting and Progressive Collapse; Fire Effects; Geotechnical Problems; Construction Related Accidents; Structural Evaluation and Monitoring; Risk Assessment and Disaster Management; Cases of Recent Structures.*

Keynote Lectures:

The 1775 Lisbon Earthquake and Lessons to Mitigate Future Events, *C. Sousa Oliveira, Portugal*
 Preparing Communities and Civil Infrastructures for Tsunamis: What Lessons from the Past?, *A. Melo Baptista, USA*
 The Risk Panorama: Views of a Reinsurer, *C. Mumenthaler, Switzerland*
 Hurricanes, Extra-Tropical Wind Storms and the Construction Phase of Long-Span Bridges, *G. Larose, Canada*
 Probability-Based Safety Assessment of Bridges for Vessel Impact, *I. Enevoldsen, Denmark*
 Fire in Buildings, *M Fontana, Switzerland*
 Multidisciplinary of Engineering Concepts for Dealing with Extreme Events, *K. van Breugel, The Netherlands*
 Designing to Prevent Progressive Collapse, *L. A. Wyllie, USA*
 Damage Controlled Structures for Extreme Loading, *A. Wada, Japan*

“Structures and Extreme Events”, Lisbon Symposium Report - Vol. 90

9 Keynote Lectures and 127 contributions in English
 Symposium Report: Keynote Lectures (full versions), contributions (short versions) and CD (full versions)
 Format: 170 x 240 mm
 ISBN: 3-85748-112-9
 Published: September 2005
 419 pages
Price: IABSE Members: CHF 80. -
 (book and CD) Non-Members: CHF 140.-
 including mailing costs.

The book and the CD can be ordered at:
www.iabse.org/publications/orderform/index.php



➤ **National Steel Bridge Alliance –
 Transportation Bill Major Boost for Steel
 Bridge Industry**

NSBA Executive Director Conn Abnee praised Congress for enacting a far-reaching surface transportation reauthorization bill that will make significant investment in new road and bridge projects and also dedicate important funds to steel bridge research.

"The past two years have been a tough period for the industry. Many projects had to be delayed until this legislation was signed into law," said Abnee. "It will take a little while longer before new contracts are bid, but looking forward we see the



potential for work on a lot of exciting projects. This is great news for America's highway users."

The House and Senate completed action on the conference report for the bill at the end of last week, clearing it to be sent to the President to be signed into law. The bill authorizes \$286.4 billion over six years for the nation's transportation programs. Of that, \$228 billion is for highways, \$52.6 billion for transit, and \$6 billion for safety. The bill also included \$20.4 million over 5 years for high performing steel bridge research. This is a direct result of the effort by NSBA and their legislative consultant (B &D Sagamore) in Washington D.C.

"The new research program will enable the steel bridge industry to really focus research efforts on developing longer lasting coatings and lower cost, corrosion resistant steels," added Abnee. "We have made great strides in recent years with new high performance steel grades and we believe this new program will lead to new breakthroughs."

The bill also includes a number of provisions to improve the highway construction process including a requirement that value-engineering analysis be performed on major bridge projects of more than \$20 million.

The National Steel Bridge Alliance is an association of steel mills and bridge fabricators committed to the construction of cost effective steel bridges.

➤ **Triloka - International Symposium "State of the art European steel construction methods" in Bangalore**

Triloka (www.triloka.de), a trilateral Academic and Cultural Cooperation in Architecture between the

universities of Bangalore (India), Colombo (Sri Lanka) and - Münster (Germany), has been initiated by Prof. Jürgen Reichardt, Architekten BDA, Professor University of Applied Sciences Muenster, MSA, Dep. for Building Construction, Münster.

After the success of the 1st International Symposium and further to the strong demand for steel techniques as well as quality management in the construction business, Jürgen Reichardt is preparing the second Symposium and is looking for speakers who will deal with civil engineering aspects of high rise steel structures for apartment buildings. The Symposium will take place mid April 2006. The Symposium will address:



- * steel structure, high rise apartments;
- * networking builders, contractors, engineers, alliances;
- * maybe fire protection, European building codes;
- * maybe composite steel/concrete floors

Extra lecturers would be paid.

The Symposium is for builders, contractors and especially European companies presently having business in Bangalore. Three projects are already on their Essen office desks. A successful symposium will bring some more.

For further information, please contact Prof. Jürgen Reichardt at the following address: Reichardt@fh-muenster.de or visit his website: www.reichardt-architekten.de

ECCS COMMITTEES DIARY

<u>2005</u>				Nov.	Twg7.8	11/11/05	Cotbus
Oct.	MC3	07/10/05	Dilligen	Dec.	JC	01:12:05	Milano
	MC5	17/10/05	Bruxelles		EB	09/12/05	Brussels
	TC10	20-21/10/05	Puteaux				



<u>2006</u>			
Jan.	PMB	27/01/06	Brussels
March	TC3-Edit.	31/03/06	London
June	TC 7	05/06/06	Eindhoven

ECCS & EXTERNAL EVENTS

NEW

2005

➤ **Exhibition “50 years of steel construction in Europe” »**

September-November 2005, Nice, France

To last till end of November 2005

Organised by: Forum d'Urbanisme et d'Architecture, Nice, France

Venue: 1, place Pierre Gautier, *Cours Saleya*, Nice.

Information:

Forum d'Urbanisme et d'Architecture

Tel.: +33-(0)4/97 13 31 51

➤ **Österreichischer Stahlbautag 2005**

13-14 October 2005, Graz, Austria

Venue: Messecenter, Stadthalle, Tagungszentrum Süd

Information:

Österreichischer Stahlbauverband

e-mail: stahlbau@fmfi.at

web: www.stahlbauverband.at

➤ **Dillinger Colloquium Constructional Steelwork**

3-4 November 2005, Dilligen, Germany

Venue: Stadthalle Dilligen, Pachtener Strasse/Berckheimstrasse, 66769 Dilligen/Saar, Germany

March TC3-Edit. 31/03/06 London

June TC 7 05/06/06 Eindhoven

The colloquium is well established in the calendar of events in the German field of constructional steelwork and, as the constructional steelwork segment is becoming increasingly international, the colloquium is now organised on a European level. Numerous interested parties from the steel fabricating industry, architects and engineers, administrations as well as universities and research institutions are expected at the event to discuss latest trends and topics. Furthermore the colloquium offers the possibility to exchange ideas and information among experts and different workshops give a deep insight into the manufacture of steel and related topics.

Programme to be downloaded from the website <http://www.dillinger.de/dh/aktuelles/sparte/01198/index.shtml.en>

Information:

Sandra Wenzel

Dilliger Hütte GTS, Marketing Constructional Steelwork

e-mail: Sandra.wenzel@dillinger.biz

web: www.dillinger.de

➤ **iS-mainz workshop on EN 14509**

9-10 November 2005, Mainz, Germany

Organised by:

- iS-mainz;
- European Quality Assurance Association for Panels and Profiles (EPAQ)

Venue: Fachhochschule Mainz, University of Applied Sciences, Holzstrasse 36, 55116 Mainz, Germany.



The event not only aims at sandwich panel producers, planning to prepare their own CE-mark, but also at EPAQ members, institutes that are planning to achieve an EPAQ accreditation and engineering offices and experts dealing with sandwich constructions.

This hand-on workshop not only aims at technical managers, but also at laboratory engineers and technical staff.

Information:

Dipl.-ing. (fh) Lars Pfeiffer

Tel.: +49-6131/28 59 314

e-mail: lars.pfeiffer@fh-mainz.de

www.sandwich.fh-mainz.de/workshop.htm

➤ **STAHL 2005 – Values in a Changing World**

10-11 November 2005, Düsseldorf, Germany

Organised by: The Stahl-Zentrum

Venue: CCD. Congress Center Düsseldorf

Conference languages: German/English (simultaneous translation)

On 10 November, well-known designers from all over the world will present their steel creations in the **Steel Forum**. The **Talks about Steel** will discuss the latest technical developments as well as those taking place in business and politics. The **Steel Get-Together** provides an opportunity to make new contacts and renew old acquaintances in a comfortable atmosphere.

On 11 November, the **General Meeting** will examine the motto of the annual event “Values in a changing world”.

For the programme, visit the website <http://www.stahl-online.de/stahl2005/Programmheft.pdf>

Information:

Stahl-Zentrum

Gudrun Schersching

e-mail: gudrun.schersching@vdeh.de

Website:

www.stahl-2005.de

➤ **International Design Forum – “Steel in Form – Between Luxury and Durability”**

10 November 2005, Düsseldorf, Germany

Venue: Congress Centrum Düsseldorf

In line with the annual conference STAHL 2205 in the Düsseldorf Congress Center, the Steel-Information-Center is organizing the International Design Forum in co-operation with the Design Center Northrhine-Westfalia/red dot GmbH. Internationally well known designers will lecture on the subjects “Luxury and Lifestyle”, Dwelling and living” as well as “Motocars and Mobility”, and explain their view on using steel.

* * * * *

Im Rahmen der internationalen Jahrestagung STAHL 2005 veranstaltet das Stahl-Informations-Zentrum am 10. November 2005 das Forum „Stahl in Form - zwischen Luxus und Beständigkeit“. Kooperationspartner ist die red dot GmbH. International bekannte Designer zeigen auf, wie Stahl Motor für Innovationen und Antrieb für die Entwicklung neuer Marktsegmente werden kann.

Information:

Dr. Reinhard Winkelgrund

Stahl-Informations-Zentrum

e-mail: siz@stahl-info.de

Website:

www.stahl-info.de/veranstaltungen/veranstaltungen.htm

➤ **2ª Jornada APTA – Construir el Futuro en Acero**

15 November 2005, Valencia, Spain

Venue: Centro de Convenciones Norte

Organised by: APTA-Asociacion para la Promocion Technical del Acero






**Information:**

APTA
e-mail: info@apta.org.es

Website: www.apta.org.es

ECCS & External Events Calendar

2005

Date	Event	Location
September-November 2005 	Exhibition “50 Years of Steel Construction in Europe” Forum d’Urbanisme et d’Architecture Tel. : +33-4/97 13 31 51	Nice, France
05 October 2005	Journée Acier Etudiants 2005 Centre Information Acier (CIA) www.infosteel.be	Brussels, Belgium
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
13-14 October 2005 	Österreichischer Stahlbautag 2005 Österreichischer Stahlbauverband www.stahlbauverband.at	Graz, Austria
16-19 October 2005	CTBUH 2005, 7 th World Congress-Renewing the Urban Landscape CTBUH www.ctbuh.org/htmlfiles/congress2005/congress2005.htm	New York City, USA
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
3-4 November 2005 	Dillinger Colloquium Constructional Steelwork Dillinger www.dillinger.de	Dillingen, Germany
9-10 November 2005 	iS-mainz workshop on EN 14509 Fachhochschule Mainz, University of Applied Sciences www.sandwich.fh-mainz.de	Mainz, Germany
10 November 2005 	International Design Forum – « Steel in Form – Between Luxury and Durability » Stahl-Informationen-Zentrum www.stahl-info.de/veranstaltungen/veranstaltungen.htm	Düsseldorf, Germany

**2005 - Continuation**


Date	Event	Location
10-11 November 2005 	Stahl 2005 Stahl-Zentrum www.stahl-online.de or www.stahl2005.de	Düsseldorf, Germany
15 November 2005 	Jornada APTA « Construir el Futuro en Acero » APTA www.apta.org.es/jornada2005_eng.swf	Valencia, Spain
15 November 2005	2005 Steel Construction Conference and Exhibition BCSA www.steelconstruction.org	London, UK
18 November 2005	Journée Construction Acier 2005 Centre Information Acier (CIA) www.infosteel.be	Luxembourg
24-25 November 2005	V Congresso de Construção Metálica e Mista – National Congress cmm www.cmm.pt/index.php?lingua=uk	Lisbon, Portugal
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
11-12 May 2006 	SIF'06 – 4 th International Workshop Structures in Fire University of Aveiro www.civil.ua.pt/sif06.htm	Aveiro, Portugal
16-17 May 2006 	Steel, Space & Composite Structures CI-Premier Pte Ltd. www.cipremier@singnet.com.sg	Malaysia
31 May-02 June 2006	6 th International Symposium on Steel Bridges ECCS MC 3 www.steelbridge06.com	Prague, Czech Republic



2006 - continuation

Date	Event	Location
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
31 august-02 Sept. 2005 	International Colloquium on Stability and Ductility of Steel Structures-SDSS'06 http://www.civil.ist.utl.pt/sdss	Lisbon, Portugal
20-22 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
20-23 September 2005	Annual Meetings 2006 ECCS-CECM-EKS www.steelconstruct.com	Poiana-Brasov, Romania



People & Committees

Please note the following changes:

National Associations

- * **SNS: Mr. Drees Brunt** resigned from his membership due a change of position. He has not yet been replaced.
- * **SCI:** The Steel Construction Institute has joined the ECCS as Associate Member.

Committees

- * **E.B.:** **Marko Moisio** (FIN) replaces Kai Rätty at the Executive Board.
- * **PMB:** **Milos Ebner** (SL) joins the Board and replaces Crtomir Remec
- * **TMB:** - **Kai Bomhbach** (DE) has been appointed at the Board further to the resignation of Kersten Lenzen;
- **Anders Olsson** (SW) joins the Board
- * **MC 1:** **Jo Naessens** (LU) has been appointed Chairman of the Committee.



Committees-Continuation

- * **MC 5: Bertrand Lemoine** (FR) has been appointed Chairman of the Committee
- * **TC 6: Mladen Lucic** (FR) has been appointed Chairman of the Committee further to the resignation of Prof. Alain Nussbaumer.

- * **TC 10:** Mary Brettle changed of position. New details are as follows:

Mary Brettle
Senior Engineer
SS.C.I.
Tel:; +44-(0)1344/623 345
m.brettle@steel-sci.com

We remind you that the minutes of the meeting of the various committees are available on the website.

