



NEWSLETTER

N° 4/06 October – December 2006

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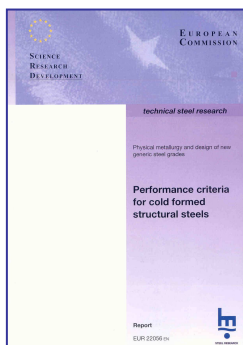
From
The Secretariat General



New Publications

External Publications

EUROPEAN COMMISSION



Technical Steel Research
*Physical metallurgy and design of
new generic steel grades*

Performance criteria for cold-formed structural steels

EUR 22056 EN
ISBN 92-894-5042-8

Price: EUR 35- ((Excluding VAT)

Authors:

- * A. C. Bannister, M. Skalidakis
Corus, United Kingdom
- * A. Pariser, P. Langenberg
IEHK-RWTH, Germany
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Universidad de Cantabria, Spain
- * W. Azpiazu
Labein, Spain

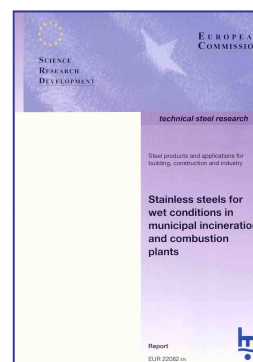
A joint programme of work was carried out by Corus, IEHK, Labein and University of Cantabria to establish the effect of cold deformation and hole punching on the performance of structural steels with yield strengths up to 890 MPa. The principal objective of the project was to quantify the effects of these downstream processes on structural integrity and to provide guidelines for optimising fracture and fatigue performance.

Material was subjected to various downstream processes and the shift in properties, mainly tensile, Charpy impact energy and fracture toughness, associated with the strains imparted by these processes established. The fracture and fatigue properties of punched and drilled holes were also assessed.

Plates up to 890 strength level were successfully formed in a press brake and those up to 690 strength were successfully punched. Finite element models of both processes were developed, incorporating a damage criterion with a coupled model for the punching process.

Regression analysis was used to derive factors for estimating property shifts as a function of level of strain from cold forming operations. Application of these shifts using structural integrity assessment methods showed them to be largely conservative. Comparisons between Eurocode 3 service temperature predictions and cold-formed wide plate test results showed that largely safe predictions were obtained when using these estimates of property shifts. Fatigue tests on punched holes demonstrated that a reduced S-N class was appropriate for holes formed in this way as compared to their drilled equivalents. Orientation had a major effect on results due to the nature of the microstructural damage around the hole. Fracture tests demonstrated that punched holes have adequate strain capacity for most design situations.

While the processes of cold forming and punching can lead to reduction in performance in some cases, in most conventional design situations this reduction is not of concern. Guidelines have been developed for estimating the magnitude of the change in performance of these forming processes and areas where current restrictive code requirements can be relaxed have been suggested.



Technical Steel Research
*Steel products and applications
for building, construction and
industry*

Stainless steels for wet conditions in municipal incineration and combustion plants

EUR 22082 EN

ISBN 92-79-02084-6



Price: EUR 25- ((Excluding VAT)

Authors:

- * M. Linder, R. Gubner
Swedish Corrosion Institute, Sweden
- * U. Kivisäkk
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- * A. Bergquist, B. Beckers
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SIMR (Swedish Institute for Metals Research), Sweden

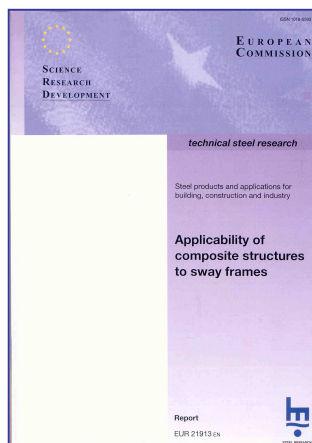
The main objectives of the project were to characterise the corrosion environment in wet cleaning systems in waste incineration plants and to define application ranges of stainless steels in these environments. This was performed by coverage of service experiences of the systems, by corrosion testing in plants and by laboratory testing using synthetic environments.

Plant-exposures of test rigs in condensate or wash liquor were performed at five locations; three in Sweden, one in Germany and one in France. Creviced specimens of 11 alloys were used in each rig. In a number of experiments the dew point conditions were examined in three plants using different waste-fuel. A large number of condensate samples were extracted from flue gas at various temperatures in these plants. Analyses showed that the main corrosive constituent was HCl. The results were used for comparison with available flue gas data and for production of synthetic condensates to be used at laboratory testing. Cooled tubes were tested for condensation and appeared to be useful.

In the laboratory testing, all materials were subject to screening by a critical pitting temperature (CPT) test according to ASTM G-150. Electrochemical tests in synthetic condensates were performed by means of anodic polarisation curves for non-creviced specimens. The condensates were based on analyses of condensates from plants. In addition, exposures of creviced specimens in racks were exposed in three

synthetic condensates. Laboratory condensation was performed in two different devices.

At the evaluation of the corrosion environments in the incineration plants, the corrosivity could be grouped into six classes. The materials were ranked according to their performance at exposure in the wet cleaning systems and in the laboratory tests.



Technical Steel
Research
*Steel products and
applications for building,
construction and industry*

**Applicability of
composite
structures to sway
frames**

EUR 21913 EN
ISBN 92-79-00813-7

The major objective of this research was to find out to what degree the design rules for steel frames as given by the Eurocodes are applicable to composite structures. The project has addressed this aspect through experimental, numerical and analytical activities.

Reference frames for static and seismic loading have been designed as the basis and starting point for the research performed. Modern design methods such as the semi-continuous joint concept and their effects on the overall structural behaviour were applied to realise an economic and practicable design.

Full-scale frame tests representing static and seismic loading were performed for the purpose of demonstration. The critical zones were located in the beam-to-column joints and were tested in isolation to allow for the overall structural interpretation and to calibrate numeric computations for non-linear structural analyses. Tests on modifications to the applied joints were also performed to meet other design requirements and to improve the experimental response.



It can generally be stated that the overstrength of the material constitutes a problem in designing dissipative zones for both the global behaviour of frames as well as the local one of joints. This aspect is reflected in the assessment of the members/components that should contribute to the desired level of ductility which essentially determines the seismic response as well as the exploitation of the full plastic chain in static loading. The problem is widely discussed on the basis of numerical results from non-linear dynamic and static analyses.

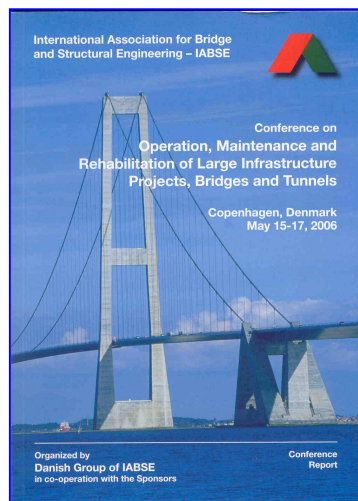
The applicability of analytical methods for the analytical verification of static frames and the component method for joints could be demonstrated.

Furthermore, it was observed in tests that external composite joints exhibited a failure mode, which is not yet covered by the component method.

EXTERNAL

➤ **IABSE**

NEW IABSE Publication: OPERATION, MAINTENANCE AND REHABILITATION



Large infrastructure projects often include very important structures for their specific location and special purpose. The industrial development during the 20's century and the related development of

the infrastructure resulted in many spectacular structures all over the world, each one of them specific for their era such as Sidney Harbour Bridge and Golden Gate Bridge from the 1930's, the Mont Blanc Tunnel in the 1960's up to Westerschelde Tunnel, the Great Belt Bridges and

the Akashi Kaikyō Bridge in the late 1990's, just to mention a few examples.

New records seem to be set at every new project and consequently the requirements to the designers and contractors are increasing all the time. One should not forget that after large investments of billions of Dollars or Euros, the challenge is to operate and maintain the structures so the huge investments are kept for the future users of the projects. This operation and maintenance should be carried out in an economic optimal matter, which may be done in many ways. Experience from operation and maintenance activities on large infrastructure projects is available and should be shared.

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More than 230 participants representing 40 countries met at the IABSE Conference "Operation, Maintenance and Rehabilitation of Large Infrastructure Projects, Bridges and Tunnels", in Copenhagen May 15-17, 2006. The report has been published, including more than 60 paper and poster presentations. The authors came from more than 20 countries representing owners, consultants, suppliers and contractors. The themes and topics were:

Inspection and Monitoring, Condition and Structural Assessment, Serviceability and Maintainability, Maintenance Strategies, Administration of Special (heavy) Transports.

*** Case Studies**

Reliability Analysis and Risk Management, Structural Assessment and Strengthening of Structures, Execution and Supervision of Maintenance and Repair Works.

The keynote speakers were:

- **John Jensen**, Manager, Great Belt, Denmark / "Strategies for Operation and Maintenance of the Great Belt Link";
- **Peter Buckland**, P. Eng., Principal, Buckland & Taylor Ltd, Canada / "Increasing the Load Capacity of Major Bridges";

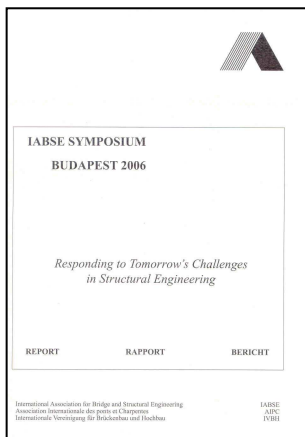


- Mamoru Nakamura, Director, Honshu-Shikoku Bridge, Expressway Co. Ltd, Japan / "Preventive Maintenance of the Honshu-Shikoku Bridges";
- Ove Sorensen, Senior Project Manager, COWI NS, Denmark / "Rehabilitation of Main Cables".

**Operation, Maintenance and Rehabilitation
Copenhagen Conference Report - Vol. 91
4 Keynote Lectures and 73 Contributions in
English
Book (short version) and
CD (full length version)
154 pages
Format 170 x 240 mm ISBN: 87-91044-03-0**

Price: IABSE Members CHF 60
Non-Members CHF 105.-
Including mailing costs

NEW IABSE Publication: RESPONDING TO
TOMORROW'S CHALLENGES IN STRUCTURAL
ENGINEERING



The IABSE Symposium "Responding to Tomorrow's Challenges in Structural Engineering", Budapest, Hungary, September 13-15, attracted about 400 participants from over 40 countries.

The Report with CD has been published, including Keynote Lectures, Presentations and Posters. The Symposium focussed on new challenges within four general themes: new functional demands; new expectations; new working practices and new opportunities.

Contributions were organised in 18 Parallel Session addressing following topics: *Refurbishment, Repair and Strengthening; Functions Extension; Seismic Events; Information Technology in Engineering; Innovative Solutions; Structural Testing and Monitoring; Structural Design and Analysis; High Performance Materials; Glass*

Applications; Fibre Reinforced Polymer Applications; New Structures; Reliability Assessment, and Special Structural Engineering Problems.

Keynote Lectures:

- * Theodore V. Galambos, USA / 'Structural Design Codes: The Bridge between Research and Practice';
- * George S. Springer, USA / 'Aerospace Composites in Civil Structures';
- * Mike Schlaich, Germany / 'Challenges in Education - Conceptual and Structural Design'.

All contributions have been collected in a book (475 pages) and on a CD

**Responding to Tomorrow's Challenges in
Structural Engineering
Budapest Symposium Report - Vol. 92
3 Keynote Lectures and 194 Contributions in
English
Book (short version) and CD (full length
version)
475 pages**

**Format 170 x 240 mm ISBN: 3-85748-114-5
Published: September 2006**

Price: IABSE Members CHF 80
Non-Members CHF 140.-
Including mailing costs

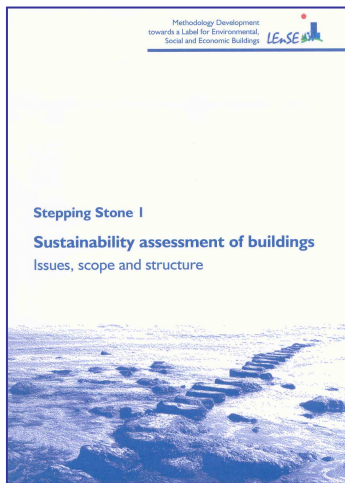
For order (book and CD-ROM)

Contact: Sissel Niggeler
Phone: +41-44-633 3150
Email: niggeler@iabse.org

Web:
<http://www.iabse.org/publications/orderform/index.php>



LEnSE is a European research project that responds to the growing need in Europe for assessing a building's sustainability performance.



LEnSE has recently published its first 'Stepping Stone' publication. These publications summarise the interim results of the project and give an outlook on the further developments. The first 'Stepping Stone' deals with "**Issues, scope and structure for the sustainability assessment of buildings**".

The first LEnSe Stepping Stone "Sustainability assessment of buildings. Issues, scope and structure" is now available on the download page at the following website: <http://www.lensebuildings.com/>

Your feedback on the conclusions and proposals would be most welcome

The next 'Stepping Stone' publication will deal with the content of the sustainability assessment methodology and is scheduled for March 2007.

If you want to make sure to receive your copy of the second 'Stepping Stone', please inform us at info@LEnSEbuildings.com.

LEnSE is supported by the European Commission within the Sixth Framework Program

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ECCS 2007 ANNUAL MEETINGS



Chamber of Commerce, Luxembourg



ECCS 2007 ANNUAL MEETINGS

**LUXEMBOURG CITY
12-14 SEPTEMBER 2007**

ECCS is pleased to announce the organisation of its 2007 Annual Meetings to be held in Luxembourg City, from 12 to 14 September 2007, in conjunction with the CIA (Centre Information Acier /Staal Informatie Center).

This event is an opportunity for steel constructors, fabricators, academics, architects and steel makers to come together and exchange ideas. The newly set up Luxembourg National Association, ILTM, will host, this year, the meetings, which will start on 12 September with the Luxembourg Steel Day, organised by the CIA.

The year 2007 coincides with the ECCS biannual European Steel Design Award presentation. The Awards Presentation Ceremony will take place on the following day, 13 September 2007. These Awards recognise outstanding design in steel constructions. You can see the previous Awards



winners visiting our website
www.steelconstruct.com

The tentative programme of the meetings is as follows:

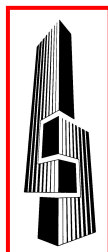
Dates	CIA	ECCS
12 Sept. 2007	09b00-12b00 Luxemburg Steel Day	
	14b00 Luxemburg Steel Design Awards	14b00 Executive Board
	17b00 Cocktail	
		19b00 ECCS Executive Dinner
13 Sept. 2007		09b00-12b00 ECCS Technical Meeting & Market Development and Promotion Session

		14b00 – 17b00 ECCS European Steel Design Awards
		17b00 Visit of Chamber of Commerce
		19b00 – ECCS Gala Dinner
14 Sept. 2007		09b00 Visit of Arcelor Mittal mill or West-Belval site + roundtrip in Kirchberg area
		14b00-17b00 ECCS General Annual Meeting

Venue: FEDIL offices, 7, rue Alcide de Gasperi - Luxembourg/Kirchberg - L-1013 Luxembourg

Mark your agenda !

ECCS 2007 EUROPEAN STEEL DESIGN AWARDS



ECCS is pleased to announce the launch of its biannual *European Steel Design Awards* - Scheme 2007. These Awards recognise outstanding design in steel constructions emphasizing the advantages of steel in construction, production, economy and architecture, completed within the last few years or mostly completed at the award ceremony.

To be awarded, projects have to be nominated by the Full Members of ECCS, i.e. the National Associations (see our website www.steelconstruct.com). Therefore, we invite you to take part in this programme by entering a project to your respective National Association. Please note that the closing date for entries is 30 march 2007. The winners will be announced in May 2007.

The presentation of the Awards will take place at a special session of the ECCS Annual Meetings to be held, this year, in Luxembourg, on 13 September 2007. The list of the previous recipients can be view on our website www.steelconstruct.com.



NEWS

News from the ECCS

➤ Liaison Committee meeting

The Liaison Committee held its annual meeting in Madrid, on 23-24 November 2006 in Madrid. The Liaison Committee brings together the Presidents and Secretaries of international associations of civil engineering to exchange ideas and discuss projects of collaboration.

For more information on the Liaison Committee, please visit <http://www.iabse.org/association/liaisoncommittee/index.php>

News from outside

➤ SAISC's 50th Anniversary Conference

2006 marks the 50th anniversary of the South African Institute of Steel Construction (SAISC). ECCS was invited to participate in the International Conference organised for this occasion. Mr Bertrand Lemoine represented the ECCS and made a presentation of the Convention at the Conference, which was a success. Report on this event is presented by the PMB Chairman next page.

We take this opportunity to congratulate the Institute.

➤ Living Steel 2nd International Architecture Competition



Living Steel is launching its 2nd International Architecture Competition for Sustainable Housing. The Call for Expressions of Interest to participate in the competition began in October, asking architecture firms around the world to take up the challenge to design

sustainable housing for Brazil, China and the United Kingdom.

Architect may submit their interest through the online Call for Expressions of Interest form available at www.livingsteel.org. This site also gives all the details on the Competition. The deadline for the entries is 12 January 2007.

Housing market reports can also be found at the same website.

More information are available on the website www.steelconstruct.com, in the "News" section.

➤ Living Steel / First meeting of the World Steel Construction Council (WSCC)

The WSCC has been established to promote information exchange and co-ordination among supporting members of Living Steel. It held its first meeting in Bilbao, Spain. The meeting consists of four sessions dealing with the following items:

- * Regional surveys on steel construction activities;
- * Sustainability: opportunities and threats for steel construction;
- * Proposal for the development of a steel house demonstration building to be used in exhibitions around the world;
- * Objectives and actions of the WSCC.



➤ **SAISC's 50th Anniversary Conference**

The Steel 50 Conference organized by the South African Institute of Steel Construction (SAISC) has been held on November 8 and 9, 2006 in the Standton Convention Centre in the heart of Johannesburg. This international conference and the Steel Awards ceremony were held in conjunction with the 50th anniversary of SAISC.

The subject matter of the Steel 50 two days conference covered almost every aspect of the use of steel in construction. But the underlying theme was clear: innovation. What is new in our environment, in technology, in how we run projects, and in how we conduct business? What are our new opportunities? And sometimes we need to look at what we do to see where renewal is needed.

There was of course an emphasis on Africa, and even more on South Africa, but many speakers and delegates were from other parts of the world. The audience of some 250 people included professional from various horizons, including developers, structural engineers, project managers, steelwork contractors, steel product manufacturers and retailers, architects and the steel industry in general. A number of influential people took part in the conference, all of whom have specialised in one or more of the areas mentioned above, some from South Africa and some from overseas such as M. Malay Mukherjee from Mittal Steel International.

The conference has been divided into a number of sessions with 41 lectures and 8 panelists covering various aspects pertaining to steel, such as structures to resist the extreme actions of man & nature, information technology, construction projects, research and development, energy and its opportunity for steel, steel in housing, exceptional projects, Africa as a market for structural steelwork, mankind's

need for energy, a special session on steel in architecture, new codes of practice for steel design, new ideas for the practising structural engineer, steel in housing and exceptional projects from across the world. This last session included the presentation of Jean Nouvel's Quai Branly Museum by B. Lemoine, the Arizona Football's Stadium by Don Engler, stadiums projects by Knut Göppert, the Beijing Olympics Swimming Stadium by T. Carfrae from Arup and an overview of the stadiums for FIFA World Cup which is to be organized by South Africa in 2010.

The conference was followed by the 25th Steel Awards dinner of the SAISC. Being the 50th anniversary of SAISC, this glamorous event included an "award of awards", highlighting the innovation and perfection of which this industry is capable, by way of examples extracted from throughout Southern Africa. The overall winner was the Doha Khalifa indoor stadium, along side with winners for commercial use (Vineyard Hotel near Cape Town), architecture for industry (Clothing design and distribution centre in Durban), engineering/mining (ship-to-shore container handling crane), tubular structures (Randfontein taxi rank), innovative (Marion Island new scientific base), recycling (Thesen Island redevelopment). More detail are given in *Steel Construction* issue n°6, November 2006.

ECCS look forward to see SAISC join ECCS as an international member.

Bertrand Lemoine
Chairman ECCS Promotion Management Board

**➤ ARCELOR's "Secure with Steel"**

Arcelor and top European engineering offices unite for a better use of Structural Fire Safety Engineering through the SECURE with Steel network

Making a real step change in building design

The first annual meeting of the SECURE with Steel network, organized by Arcelor Building & Construction Support, took place on October 20th, 2006 in Paris. Over 26 engineering offices and experts from 13 European countries gathered for a workshop on **Structural Fire Safety Engineering (SFSE)**.

The objective: making a real step forward in building design through the development of SFSE, and getting this innovative and cost-effective safety design method to be fully integrated in the construction environment.

The aim of the SECURE with Steel network is to create a worldwide core of SFSE specialists and to support them in the development of their competencies through experience sharing, know-how transfer and trainings.

The members:

- Arches-Etudes (France)
- ARUP Fire (UK)
- NB35 (Spain)
- Schmitt Stumpf Frühauf und Partner (Germany)

- Cauberg-Huygens (Netherlands)
- CTU Prague (Czech Republic)
- DGMR (Netherlands)
- ETH Zürich (Switzerland)
- GIPAC (Portugal)
- Greisch (Belgium)
- Ralph Hamerlinck (Netherlands)
- Keonn (Poland)
- LABEIN (Spain)
- Lenz Weber Ingenieure (Germany)
- MP Ingénieurs (Switzerland)
- Schroeder & Associés (Luxembourg)
- Steel Information Centre (Belgium)
- Studio di Ingegneria delle Strutture (Italy)
- Swedish National Testing & Research Institute (Sweden)
- Tal Projecto (Portugal)
- Technum (Belgium)
- Terrell International (France)
- University of Aveiro (Portugal)
- University of Edinburgh (UK)
- University of Hannover (Germany)
- University of Liège (Belgium)

The network is now extending to rest of the world (Eastern Europe, Asia, etc).

SECURE with Steel is an initiative of Arcelor Building & Construction Support, Arcelor Profil Luxembourg and Arcelor Commercial Sections.

Information and contact:

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marie-laure.holler@arcelor.com

More information in our website
www.steelconstruct.com, at the "News" section.

**ECCS COMMITTEES DIARY**

2007			
Jan.	MWG	09/01/07	Brussels
March	PMB	08/03/07	Brussels
	J.C.	14/03/2007	Brussels
	E.B.	15/03/07	Brussels
	TC 10	22-23/03/07	Italy

	TC 6 – WG.C	03/07	Stuttgart
May	TC 7	10-11/05/07	Bucharest
June	MC 3	15/06/07	Guimaraes



2007- Continuation				Annual Meetings		
				12-14/09/07		Luxembourg
Sept.	TC 3	6-7/09/07	Aveiro			
	TC 6	09/07	Luxembourg	Nov.	C.L.	29-30/11/07 Aveiro

ECCS COMMITTEES

➤ TC 6 WG A – Remaining Fatigue Life

Meeting in Düsseldorf, on 17 November 2006

Minutes are posted on the website

➤ TC 7

Meeting in Eindhoven on 05 June 2006.

ERRATUM

Please correct the date of the next TC 7 meeting. It will take place on **10-11 May 2007**, in Bucharest, Romania, and not on 10-11 January 2007 as mentioned in the previous Newsletter.

At its meeting in Eindhoven, the Committee discussed mainly the activities report of its Working groups, and its collaboration with other ECCS Committees and other bodies.

The members also pointed out the need to develop relationship with the European Steel Technology Platform as well as with the European Construction Technology Platform.

The TC 6 is preparing a tribute edition of “Thin-Walled-Structures” in memory of Prof. R. Baehre, Past Chairman of the Committee, who passed away last year.

The minutes of the Committees meeting are posted on the website www.steelconstruct.com, in the section “Committees”.

➤ TC 8

Meeting in Graz, Austria, on 03 November 2006

Minutes will be placed on the website soon.

ECCS & EXTERNAL EVENTS



ECCS' MEMBERS EVENTS

2007	
DATES	EVENTS
February or March 2007	APTA – 3a Jornada de APTA “Construir el futuro en Acero”, Barcelona, Spain
March 2007	ASCEM Annual Meeting
10 March 2007	SZS – Stahlbautag KKL Luzern
8-10 May 2007	SZS * GV-Termin und Branchentag, Zürich * Stahlbautag Studierende

14-18 May 2007	ASCEM – Construmat Trade Fair, Barcelona, Spain
19 June 2007	BCSA Ltd AGM + Steel Day & Structural Steel Design Awards
July 2007	SZS – Prix Acier
2-4 September 2007	SBI – Nordic Steel Construction Conference, Malmö, Sweden
30 September – 4 October 2007	ACAI – Biennial Congress of C.T.A. (College of Steel



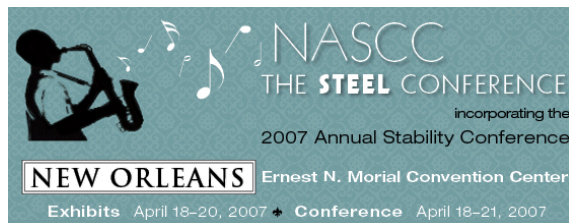
	Technicians)
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2007-Continuation	
DATES	EVENTS
25-26 October 2007	SBI – Swedish Steel Construction Conference 2007, Gothenburg, Sweden
2008	
DATES	EVENTS
22-23 June 2008	Cmm - 7 th International Symposium on Steel Bridges Porto, Portugal Jointly with ECCS and the University of Minho.

INTERNATIONAL EVENTS

➤ NASCC The Steel Conference

18-21 April 2007, New Orleans, USA



Venue: Ernest N. Morial Convention Center

North American Steel Construction Conference incorporating the 2007 Annual Stability Conference

Technical Seminars, Networking, Product Showcase.

The North American Steel Construction Conference offers more than 60 technical sessions and is a premier education event aimed at providing structural engineers, steel fabricators, North American Steel Construction Conference and detailers with practical information and the latest design and construction techniques. It is a once-a-year opportunity to learn the latest techniques, see the most innovative products, and network with your peers and clients.

Exhibits: 18-20 April 2007 – Conference: 18-21 April 2007

Contact

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Meeting Coordinator
American Institute of Steel Construction, Inc.
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Web : www.aisc.org/nascc

➤ The 9th International Conference “Modern Building Materials Structures and Techniques”

16-18 May 2007, Vilnius, Lithuania

The conference is aimed at discussion of both industrial and academic research, which has recently been carried out on building materials, design, construction and maintenance of structures.

English and Lithuanian are the official languages of the Conference.

Contact

Modern Building Materials, Structures and Techniques

The 9th International Conference
Faculty of Civil Engineering
Vilnius Gediminas Technical University
Saulėtekio al. 11, LT-10223 Vilnius, Lithuania
Tel.: +370/5/274 52 43
Fax: +370/5/274 50 16
E-mail statkon@konf.vtu.lt
Web : www.vgtu.lt/english/research

➤ Fatigue Design 2007

21-22 November 2007, Senlis (near Paris), France



Venue: Cetim Congress Centre



International conference on the respective input of the numerical simulation and the experimental approach in fatigue design.

Contact
Espace Cetim
52, Avenue Félix-louat
60304 SENLIS
Tél. : 03.44.67.36.82
E-mail : sqr@cetim.fr
Web : www.fatiguedesign.org

➤ **CI-Premier Conference – SS07 9th International Conference on “Steel, Space & Composite Structures”**

10-12 October 2007, Yantai, China
14-15 October 2007, Beijing, China

Venue: Yantai University will host the opening session on 10-12 October, and Tsinghua University in Beijing will host the closing session of SS07

Contact
CI-PREMIER PTE LTD
150 Orchard Road #07-14, Orchard Plaza
Singapore 238841
Tel. : +65-67332922
Fax: +65 62353530
E-mail: cipremier@singnet.com.sg
Web: <http://www.cipremier.com>

➤ **CI-Premier Conference – Si07 7th International Conference on “Shock & Impact Loads on Structures”**

17-19 October 2007, Beijing, China

The main objective of the conference is to create a forum whereby all those sharing common interests in the subject areas can get together to discuss new ideas. Besides the Conference sessions, a Technical Visit to the State Key Laboratory of Explosion Science and Technology at the Beijing Institute of Technology, and to the primary stadiums of the Beijing 2008 Olympic Games has been arranged.

2008

➤ **7th International Symposium on Steel Bridges**

4-6 June 2008, Guimaraes, Portugal

Organised by Cmm – Portuguese Steelwork, jointly with ECCS and the University of Minho

More information will be given in the new issue.

➤ **EUROSTEEL 2008**


3-5 September 2008, Graz, Austria

The fifth European Conference on steel and composite structures will take place at the Graz University of Technology. The conference addresses engineers, architects, research institutes and contractors. The event is headed by ECCS and organised by the Graz University of Technology, the University of Ljubljana and the Vienna University of Technology.

Contact
<http://eurosteel2008.tugraz.at>

ECCS & External Events Calendar

2007

Date	Event	Location
February-March 2007 	3a Jornada de APTA “Construir el futuro en Acero” APTA www.apta.com.es/index.php	Barcelona, Spain

**2007 - Continuation**

Date	Event	Location
March 2007 	Annual Meeting ASCEM www.ascem.org	Spain
10 March 2007 	Stahlbautag SZS www.szs.ch	KKL Luzern, Switzerland
18-21 april 2007	NASCC The Steel Conference incorporating the 2007 Annual Stability Conference AISC www.aisc.org/nascc	New Orleans, USA
14-18 May 	Construmat Trade Fair ASCEM www.ascem.org	Barcelona, Spain
16-18 May 2007	Modern Building Materials, Structures and Techniques Vilnius Gediminas Technical University www.vgtu.lt/english/research	Vilnius, Lithuania
19 June 2007 	BCSA Ltd. AGM + Steel Day & Structural Steel Design Awards BCSA www.steelconstruction.org	London, United Kingdom
2-4 September 2007 	Nordic Steel Construction Conference SBI www.sbi.se	Malmö, Sweden
19-21 September 2007	IABSE Symposium “Improving Infrastructures Worldwide – Bringing People Closer” German Group of IABSE www.iabse.org	Bauhaus-Universität Weimar, Weimar, Germany
12-14 September 2007	Luxembourg Steel Day + ECCS Annual Meetings 2007 ECCS European Steel Design Awards ECCS www.steelconstruct.com	Kichberg, Luxembourg
30 September 2007 	Biennial Congress of C.T.A. (College of Steel Technicians) ACAI www.acaiacs.it	Italy

**2007 - Continuation**

Date	Event	Location
10-12 October 2007 14-15 October 2007 	CI-Premier Conference – SS07 9 th International Conference on “Steel, Space & Composite Structures CI-PREMIER www.cipremier.com	10-12 October – Yantai, China 14-15 October – Beijing, China
17-19 October 2007 	Si07 7 th International Conference on “Shock & Impact Loads on Structures” CI-PREMIER www.cipremier.com	Beijing, China
25-26 October 2007 	Swedish Steel Construction Conference 2007 SBI www.sbi.se	Gothenburg, Sweden
21-22 November 2007 	Fatigue Design 2007 Cetim www.fatiguedesign.org	Senlis, France

2008

Date	Event	Location
4-6 June 2008 	7 th International Symposium on Steel Bridges Cmm jointly with ECCS and the University of Minho www.cmm.pt	Guimaraes, Portugal
13-17 July 2008	Iabmas408 - The Fourth International Conference on Bridge Maintenance, Safety and Management IABMAS www.iabmas08.org	Seoul, Korea
3-5 September 2008 	EUROSTEEL 2008 Graz University of Technology, Vienna University of Technology, University of Ljubljana and ECCS http://eurosteel2008.tugraz.at	Graz, Austria
September 2008	Norsk Stalforbund Conference + ECCS Annual Meetings www.stalforbund.com/	Aalesund, Norway
8-10 October 2008 	ISTS12 – 12 th International Symposium on Tubular Structures contact@ists11.org	Shanghai, China



People & Committees

Please note the following changes:

Associations

- * **Luxembourg:** The President of ILTM is
Mr Ernest Hendrickx.

Mrs Chantal Hubsch (Secretary General)
ILTM
7, rue Alcide de Gasperi
Luxembourg/Kirchberg
B.P. 1304, 1013 Luxembourg
Tel. : +352/43 53 66 1 - Fax: +352/43 23 28
E-mail: chantal.hubsch@fedil.lu

- * **CIA:** Due to a change of position, Mr. Bruno Dursin left CIA (Centre Information Acier-Staal Informatie Centrum) and has been replaced by Mr. Jo Naessens as from 1 October 2006.

Jo Naessens
CIA
12 Chsée de Zelliksesteenweg
1082 Brussels
Tel. : +32-2/509 15 01 - Fax: +32-2/511 12 81
E-mail: jo.naessens@infosteel.be

- * **DSTV:** Mr. Gerhard Buchmeier will leave the German Association due to his retirement. Dr.-Ing Volkmar Bergmann will take over his duties as from 1 January 2007

Volkmar Bergmann
DSTV
Sohnstrasse 65
40237 Düsseldorf
Tel. : +49-211/670 78 00
Fax: +49-211/670 78 20

Committees

- * **PMB:** The Promotional Management Board has now a new structure, with two main committees : the first one is BUILDINGS (=PMB) and the second one is BRIDGES (= former MC3).

All the National Association Members are invited to seat or appoint delegate(s) on this Board. The British delegates are:

- * **Roger Steeper** (Corus);
- * **Andy Holmes** (BCSA)

The ECCS thank warmly the former participants to the Promotional activities for the good and fruitful job they did all along these last years. We all are very grateful to them.

- * **MC 3:** - **Robert Dubois** (France) will take over the duties of Jean-Pierre Epinoux from Baudin Chateaufneuf;

- * **TC 10** - New members:
 - * **Gorka Iglesias**, (Spain), from ICT,
E-mail: consultas@ictubular.es

 - * **Prof. Eduardo Bayo** (Spain), from the University of Navarra
E-mail: ebayo@unav.es

