

ESIS COUNCIL MEETING

10th August 2004, 17.30 – 19.30

Lindstedtsvagen, 3
Lecture Room E31
STOCKHOLM, SWEDEN

AGENDA

1. Introduction and Communications
2. Publication Policy
3. Revision of ESIS Statute
4. ESIS Membership
5. National Groups
6. Financial Report
7. Technical Committees
8. ECF16 (Greece)
9. ECF17 (Organiser/Location to be decided))

ATTENDEES

Fifteen Countries were represented at Council, which was composed of 24 Members, these being either a National Representative, or a Representative of an ESIS Technical Committee. A full list of attendees is given at the end of these Minutes.

1. INTRODUCTION AND COMMUNICATIONS

This Council Meeting was held during the week of the 15th EUROPEAN CONFERENCE ON FRACTURE (ECF15), in **Stockholm**.

The President of ESIS, Professor Alberto Carpinteri, chaired the meeting and informed about the decisions and proposals of the Executive Committee.

He informed that during the last two years the following activities have been organized or co-organized by ESIS:

ESIS TC2/TC3 Meeting on "Accumulation of Fatigue Damage", Seville, May 26-30, 2003
8th International Fracture Mechanics Summer School (IFMASS), Belgrade, June 24-27, 2003

ESIS TC3 Meeting on "Fatigue Crack Paths", Parma, September 10-12, 2003

9th Portuguese Conference on Fracture, Setubal, February 18-20, 2004

17th Italian Conference on Fracture (IGF17), Bologna, June 16-18, 2004

Materials Structure & Micromechanics of Fracture, Brno, June 23-25, 2004

ESIS TC3 Meeting on "Biaxial and Multiaxial Fatigue", Berlin, June 28-30, 2004

15th European Conference on Fracture (ECF15), Stockholm, August 11-13, 2004

FESI Conference on "Integrity for Life - Structural Integrity Assessment for Life Cycle Management", Manchester, October 20 – 21, 2004

11th International Conference on Fracture (ICF11), Torino, March 20-25, 2005

Third International ASTM/ESIS Symposium on Fatigue and Fracture Mechanics, Reno, Nevada, May 18-20, 2005

The President postponed further communications to the following specific points.

2. PUBLICATION POLICY

The President reminded that copy of the proposed contract with Elsevier was sent by e-mail in July, together with the convocation to all the Members of the Council. He explained the difficulties fronted to arrive at this text and explained the most important points, that are reported below:

- Elsevier will publish, under ESIS' editorial control, Technical Committees' Special Technical Publications as special issues of **Engineering Fracture Mechanics**, **Engineering Failure Analysis** or **International Journal of Fatigue** (subject to peer-review).

- Elsevier will ensure that at least 33% of the International Editorial Boards of **Engineering Fracture**

Mechanics, Engineering Failure Analysis and **International Journal of Fatigue** are made up of members working in Europe.

- Elsevier will carry the ESIS logo on the outside front cover of the journals alongside the wording "Affiliated with the European Structural Integrity Society".

- The calendars of **Engineering Fracture Mechanics, Engineering Failure Analysis** and **International Journal of Fatigue** will contain an ESIS Events section (with ESIS logo), where news and meetings of the TCs are announced.

- **Engineering Fracture Mechanics, Engineering Failure Analysis** and **International Journal of Fatigue** will contain two pages per year dedicated to reporting information about ESIS Prize Winners: photographs, prize motivation and a short biography.

- **Engineering Fracture Mechanics, Engineering Failure Analysis** and **International Journal of Fatigue** will publish ESIS documents and procedures as Appendices and make provision for reprints.

- Elsevier, where agreed with the local Organising Committee, will organise and support ESIS-hosted symposia and conferences.

- Elsevier will make a single payment to ESIS of EUR 5000 on publication of each STP as a special issue of the host journal.

- Elsevier will pay ESIS an annual honorarium of EUR 10 000 payable on the first day of January.

After the presentation, Professor Taylor and Professor Williams showed their congratulations for the contract.

The Council approved the contract unanimously.

The final text of the Contract is reported in Appendix A.

3. REVISION OF ESIS STATUTE

The President reminded that copy of the revised version of the Statute was sent by e-mail to all the National Representatives and to all the TC Chairmen. The revision has been already approved by the Executive Committee. The President illustrated the revision commenting the principal variations. The Assembly approved the new ESIS Statute unanimously. Copy of the new Statute is reported in Appendix B.

4. ESIS MEMBERSHIP

The Secretary, Professor Ferro, reported the figures of the ESIS Members who sent the membership form to the registered office during the last two years. For the year 2003 only 105 forms were received, while for the year 2004 146 memberships have been registered up to now.

The Assembly invited the Secretary to ask the National Representatives to collect the Membership fees for their own Country, according to the new Statute.

5. NATIONAL GROUPS

The Secretary informed the Council about the situation of the National Groups.

Only 8 Nations published material on ESIS web site: Bulgaria, Croatia, Czech Republic, France, Italy, Slovak Republic, Sweden, Ukraine. Only 3 Nations (Italy, Poland and Ukraine) have used 2/3 of ESIS Membership for national group organization.

The National Groups intending to collect the 1/3 membership fees in their own Country for ESIS, keeping 2/3 for them, were kindly invited to send the official Statute and the name of the Elected National Responsible to the ESIS Secretariat.

6. FINANCIAL REPORT

The Treasurer, Professor Ferro, informed the Council about the financial situation of the Society.

The figures are the following (in Euro):

Transferring from Prof. Miller	84.257,21
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EXPENSES

Postal delivery	1645,29
Secretariat (collaborators, banking, etc.)	3707,00
Web site	1570,00
Newsletter	2344,83
Total expenses	9267,12

INCOMING

ESIS Membership 2003 (105 members)	2998,00
ESIS Membership 2004 (146 members)	2600,00

Royalties Elsevier	14047,50
Total incoming	19645,50
New ESIS Deposit	94635,59

The new ESIS' Portfolio consists of 94635,59 €. The Assembly approved the report unanimously.

7. TECHNICAL COMMITTEES

Professor Beretta, ESIS Newsletter Editor, presented to the Assembly the situation concerning the TCs activity. Three Calls for existence were addressed recently:

The first was a letter from Professor Carpinteri dated on November 2003; the second was a letter asking for TC report activity sent to all the TC Chairmen in December 2003; and eventually the ESIS Newsletter itself.

The result of the check is the following:

- TC1 (Elastic Plastic Fracture Mechanics): very active;
- TC2 (Micromechanisms) no sign of activity;
- TC3 (Fatigue of Engineering Materials and Structures): very active;
- TC4 (Polymers and Polymer Composites): very active;
- TC5 (Fracture Dynamics): very active;
- TC6 (Ceramics): very active;
- TC7 (FM Nomenclature): dormant;
- TC8 (Numerical Methods): very active;
- TC9 (Concrete): active;
- TC10 (Environmentally Assisted Cracking): active;
- TC11 (High Temperature Mechanical Testing): very active;
- TC12 (Probabilistic Interpretation of Mechanical Property Data): no sign of activity;
- TC13 (Education & Training): very active;
- TC14 (Smart Structures): no sign of activity;
- TC15 (Structural Integrity of Wires, Ropes and Cables): no sign of activity;
- TC16 (Surface Treatments): no sign of activity;
- TC17 (Metal Forming Fracture): no sign of activity;
- TC18 (Structural Integrity Electronic Components): no sign of activity;
- TC19 (Structural Health and Integrity Monitoring): no sign of activity;
- TC20 (Inclusions): very active;
- TC21 (Residual Stresses): no sign of activity;
- TC22 (Structural Integrity of Pipelines): no sign of activity;
- TC23 (Optical Methods): no sign of activity;
- TC24 (Integrity of Railway Structures): very active.

More in particular, we can affirm that:

- TC14 (Smart Structures) was never launched;
- TC15 (Cables) was never launched;
- TC17 (Metal Forming) was merged with others;
- TC18 (Electronic Devices) was never launched;
- TC22 (Pipelines) was never launched;
- TC23 (Optical Methods) was never launched.

These TCs can be considered as estinguished.

On the other hand, for TC2, TC7, TC12, TC16, TC19, TC21, a new Chair is needed.

The Assembly approved the above decisions with the request to TCs to maintain a Webpage with the same format of www.esis-ewb.org.

8. ECF 16 (GREECE)

Professor Gdoutos presented the organization of ECF 16 to the Assembly.

The 16th EUROPEAN CONFERENCE ON FRACTURE (ECF16) with the title "Failure Analysis of Nano and Engineering Materials and Structures", will be organized by the Democritus University of Thrace in Alexandroupolis, Greece, on July 3 - 7, 2006.

The web site of the conference is: <http://ecf16.civil.duth.gr>.

The Conference venue is the Thraki Palace Hotel.

The tentative programme is the following:

Sunday, July 2, 2006: Registration and Welcome Reception;

Monday, July 3, 2006: Plenary Talks, Sessions;

Tuesday, July 4, 2006: Plenary Talks, Sessions, Banquet;

Wednesday, July 5, 2006: Plenary Talks, Sessions;

Thursday, July 6, 2006: Plenary Talks, Sessions;

Friday, July 7, 2006, Plenary Talks, Sessions, Closing Remarks;

Saturday, July 8, 2006: Daily excursion to the island of Samothraki.

The conference is divided into two Tracks:

Track 1 - Nanomaterials and Nanostructures

Track 2 - Engineering Materials and Structures

Approximately 160 experts in Fracture Mechanics have already accepted to be Members of the Scientific Advisory Board.

The Registration fee is 550 Euro (600 Euro for late registration). For PhD Student a fee of 300 Euro is considered (350 Euro for late registration).

Registration fees for participants and students include:

Admission to all sessions;

Name badge and carry bag;

Book of abstracts;

CD Roms and bound volumes of the papers;

Lunches;

Coffee breaks;

Welcoming reception;

Banquet.

The Assembly approved the proposal unanimously.

9. ECF 17 (ORGANISER/LOCATION TO BE DECIDED)

The President informed that two Nations (Czech Republic and Norway) manifested the intention to organise ECF 17, to be held in 2008. During the meeting, also Professor Sedmak manifested the intention to organise ECF 17 in Serbia. The ESIS Secretariat will be in contact with the Representatives of the three National Groups in order to prepare a detailed proposal. The final decision will be taken at the next ESIS Council Meeting, to be held in Turin during ICF 11.

The meeting closed at 18.30 hours.

The ESIS Secretary

The ESIS President

Professor Giuseppe Ferro

Professor Alberto Carpinteri

ATTENDEES AT COUNCIL MEETING

Austria	Otmar Kolednik
Czech Republic	Jaroslav Pokluda
Finland	Kim Wallin
France	André Pineau
Germany	Hellmuth Klingelhoffer, Karl Heinz Schwalbe, Meinhard Kuna, Wolfgang Dietzel
Greece	Emmanuel Gdoutos
Ireland	David Taylor
Italy	Alberto Carpinteri, Giuseppe Ferro, Stefano Beretta, Andrea Spagnoli, Michele Carboni
Netherlands	Ad Bakker
Poland	Andrej Neimitz
Russia	Robert Goldstein
Serbia	Stojan Sedmak
Slovenia	Nenad Gubeltak
Sweden	Fred Nilsson, Erland Johnson
UK	Gordon Williams, Bhushan Karihaloo