

EUROPEAN FEDERATION OF CORROSION
EUROPÄISCHE FÖDERATION KORROSION
FÉDÉRATION EUROPÉENNE DE LA CORROSION



BOARD OF ADMINISTRATORS

Istanbul, Turkey

March 27, 2012

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
Istanbul, Turkey, March 27, 2012

Venue of meeting: **Sheraton Maslak Hotel
Buyukdere Cad.No:233, Uç Yol Mevkii
34398 MASLAK-ISTANBUL
Turkey
Room Mars and Neptune**

Date and time of meeting: **Tuesday, March 27, 2012 - 09h00**

Chairman: **Pr. Philippe Marcus (EFC President)**

Secretary: **Mrs. Pascale Bridou Buffet (Paris Office)**

**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
ISTANBUL, 27th MARCH 2012, 09:00**

AGENDA

- Item 01 Opening of the meeting
- Item 02 Apologies for absence
- Item 1 Approval of the Agenda and Adoption of the Minutes of the last Meeting
- Item 2 Administrative Matters
 - 2-1 Status of Applications for EFC Membership
 - 2-2 EFC Membership Benefits and “Pack” for New Members
 - 2-3 EFC Awards for 2012
- Item 3 Interaction with other Organisations
 - 3-1 EFC/NACE Collaboration
 - 3-2 World Corrosion Organisation
 - 3-3 ICC
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 - 4-1 Report of the Scientific Secretary / Public Relations Officer
 - 4-2 EFC Publications
 - 4-2.1 EFC Series
 - 4-2.2 EFC Electronic Newsletter
 - 4-2.3 EFC Newsletter
 - 4-2.4 Progress with items/articles for Publication in ‘Materials and Corrosion’
 - 4-2.5 Request for Partnership between "Matériaux et Techniques" and the EFC
 - 4-3 EFC Web Site
- Item 5 Finance: Honorary Treasurer’s Report
- Item 6 EUROCORN Series: 2011 to 2015
 - 6-1 EUROCORN 2011, Stockholm (Sweden) - Final Report
 - 6-2 EUROCORN 2012, Istanbul (Turkey) - Progress with Arrangements
 - 6-3 EUROCORN 2013, Estoril (Portugal) - Report on Preliminary Arrangements
 - 6-4 EUROCORN 2014, Pisa (Italy) - Initial Progress Report
 - 6-5 EUROCORN 2015, Bid(s) Presentation(s) and Selection of the Host
 - 6-6 Miscellaneous about EUROCORNs
 - 6-7 Methods to increase the number of International Exhibitors
- Item 7 EFC Approval of Short Courses
- Item 8 EFC Events and Calendar of Events
- Item 9 Any other Business
- Item 10 Date and Place of next BoA

Attendance List, Page 1

P.B. - 21/03/2012

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Istanbul, 27th March 2012

ATTENDANCE LIST

Signatures

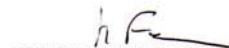
Prof. Dr. A .F. ÇAKIR, EUROCORN 2012 (Turkey)



Prof. L. FEDRIZZI (Italy), as Vice-President

Excused

Prof. Dr. M. G. S. FERREIRA (Portugal)



Mr. D. HARROP (United Kingdom)



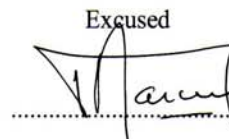
Prof. Dr. B. ISECKE (Germany)

Excused

Prof. Dr. A. LEGAT (Slovenia)

Excused

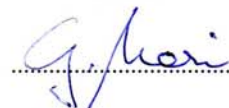
Prof. Ph. MARCUS (France), as President



Mr. S. McFARLAND (The Netherlands)

Excused

Prof. Dipl.-Ing. Dr.mont. G. MORI (Austria)



M. A. POURBAIX (Belgium)

Excused

Dr. Sc. D. RAJHENBAH (Croatia)



Prof. Dr. Ing. M. SCHÜTZE (Germany)

Excused

Dr. J. TELEGDI (Hungary)

Excused

Dr. S. TRASATTI (EUROCORN 2014, Italy)



M:\Pascal\00- Fédérations Européennes\Corrosion\EFC Meetings\2012 - Istanbul 27 Mars\BoA Attendance List EUROCORN Istanbul March 2012.doc

Attendance List, Page 2

P.B. - 21/03/2012

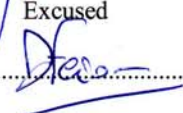
EUROPEAN FEDERATION OF CORROSION MEETING OF THE BOARD OF ADMINISTRATORS Istanbul, 27th March 2012

EX OFFICIO REPRESENTATIVES:

Mrs Juliet IPPOLITO (Italy), As Scientific Secretary

Mr. R. MILBANK (United Kingdom), As Treasurer

Dr. D. FÉRON (France), As Chairman of the STAC


.....
Excused

.....

GENERAL SECRETARIATS:

Frankfurt Office (Germany):

Mrs. I. HONNDORF

Dr. W. MEIER


.....

.....

London Office (United Kingdom):

Dr. B. A. RICKINSON

.....

Paris Office (France):

Mrs. P. BRIDOU BUFFET

Mr. M. ROCHE


.....

.....

GUEST(S):

Dr. I. ANNERGREN, EUROCORR 2011 (Sweden)

Mrs. P. BASSANI, EUROCORR 2014 (Italy)

Mr. R. BENDER, EFC WebSite (Germany)

Prof. Dr. M. DORUK, EUROCORR 2012 (Turkey)

Mr. J. FERNANDES, EUROCORR 2013 (Portugal)

Mrs F. MONTEMOR, EUROCORR 2013 (Portugal)

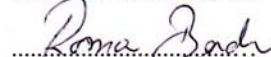
Dr. A. V. MURADOV, EUROCORR 2015 Bid (Russia)

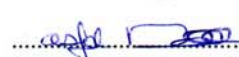
Mr. J. TIDBLAD, EUROCORR 2011 (Sweden)


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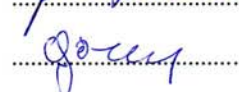

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UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS

Item 01 Opening of the meeting

Prof. Philippe Marcus, President of the EFC and chairman of the meeting, opened the meeting and welcomed the delegates present (see attendance list).

Item 02 Apologies for Absence

Apologies had been received from the following:

Prof. L. FEDRIZZI (Italy);
 Mr. D. HARROP (United Kingdom);
 Prof. B. ISECKE, Germany);
 Prof. Dr. A. LEGAT (Slovenia);
 Mr. S. McFARLAND (The Netherlands);
 Ir. A. POURBAIX (Belgium);
 Prof. Dr. Ing. M. SCHÜTZE (Germany);
 Dr. J. TELEGDI (Hungary);
 Mr. R. MILBANK (United Kingdom).

Item 1 Approval of the Agenda and Adoption of the Minutes of the last Meeting

1-1 The proposed agenda was approved.

1-2 The minutes of the previous meeting in Stockholm (4 September 2011) were approved.

Item 2 Administrative Matters

2-1 Status of Applications for EFC Membership

The Frankfurt Office reported on the membership status of the following:

- ABRACO, Brasil (International Member): the Frankfurt Office carried out an e-mail voting process which concluded the approval process of this new International Member.
- APCE, Italy (European Member): the Frankfurt Office had requested this Italian society to publish a one page description of their activities in English. Once received, the e-mail voting process will take place.

2-2 EFC Membership Benefits and “Pack” for New Members

In order to help the recruitment of new members, an action was placed on Juliet Ippolito at the PAC meeting held in December in Paris to prepare a list of benefits of EFC membership

Appendix 3 of the Working Papers provided the document prepared by Juliet Ippolito and revised by the PAC members and DECHEMA.

BoA Members approved this list without any modification.

The PAC also placed an action on Mrs. Juliet Ippolito to work with the EFC Frankfurt Office to create a new members “pack” to inform new members on how to integrate into the EFC organization, including assigning delegate members to Working Parties. This action is still pending and will be addressed during the next PAC Meeting.

2-3 EFC Awards for 2012

The STAC Chairman, Dr. Damien Féron, announced the results of the EFC Awards for 2012:

Cavallaro Medal: Prof. Yury Kouznetsov
Kurt Schwabe Prize: Dr. Ramazan Solmaz

The prizes will be presented during the Opening Ceremony of EUROCORR 2012 in Istanbul.

Item 3 Interaction with other Organisations

3-1 EFC/NACE Collaboration.

A meeting between EFC and NACE took place on Monday, September 5, 2011, at lunch-time during EUROCORR 2011 in Stockholm, Sweden. Appendix 4 of the Working Papers provided the minutes of this meeting.

Another meeting took place on March 13, 2012, during the NACE Conference in Salt Lake City.

The EFC President made a presentation reviewing recent and future EFC-NACE collaborative activities. Amongst these are a joint-EFC Greenbook publication (EFC 63) on Marine Corrosion between EFC Working Party 9 and NACE which was for sale at the NACE conference along with EFC 64, as well as joint-workshops on Oil and Gas topics and CO₂ Capture and Storage (CCS).

The minutes of this meeting will be presented at the next PAC July Meeting and shall be provided at the next BoA Meeting in Istanbul.

It was discussed that, being that several NACE representatives are invited to attend the annual STAC meeting at EUROCORR, reciprocity should be more equal and several EFC-nominated representatives such as the STAC Chairman, Dr. Damien Féron, Prof. Michael Schütze and Deputies should be invited to attend the NACE equivalent of STAC which would be NACE’s Technical Coordination Committee (TCC) meeting and that this should be proposed to NACE. A decision was made to list as an Agenda item for discussion at the next PAC Meeting

3-2 World Corrosion Organisation

In the absence of Prof. Michael Schütze who is a WCO Board Member, the EFC President informed everyone about the WCO meeting which was held during the NACE Conference which he partly attended.

The WCO’s major activities concern Drinking Water Systems in developing countries where corrosion is a major concern for water storage and distribution. A joint EFC-WCO Workshop on this topic will be organized during EUROCORR 2012 by Dr. Wilhelm Erning of WP 20 and Prof. Günter Schmitt of WP 1.

Prof. Michael Schütze sent the following additional information after the BoA meeting: "On 13 March 2012, the Board of Administrators meeting and the General Assembly of the WCO took place in Salt Lake City on the occasion of NACE-Corrosion 2012. EFC was represented by Philippe Marcus (part-time at the BoA meeting) and Michael Schütze. A strategic discussion addressed the future steps to be taken by the different member societies and the WCO for an increased impact on politics, public opinion and industry to improve awareness of the role of corrosion and of corrosion prevention. As a short-term action, information about the different activities in the member countries on the occasion of World Corrosion Awareness Day on 24 April was exchanged. Further long-term actions are to follow. "

3-3 ICC

The EFC President presented the report sent by Mr. Antoine Pourbaix on recent ICC activities:

"ICC had its 18th congress in Perth, Australia, November 20 to 24, 2011. This was the second largest ICC congress after Granada 2002, with more than 800 delegates. The 19th ICC congress will be held in Jeju, South Korea in November 2014. The number of countries and members represented in ICC increased significantly in 2011. Besides the triennial scientific and technical congresses, ICC activities concentrated on cooperation with developing countries: scientific instruments were donated to research groups in four developing countries, travel awards were given to young scientists to attend ICC congresses, and a session dedicated to specific problems in developing countries will be held again in South Korea".

It was reminded that EUROCORR will take place even if ICC decides to organize an International Corrosion Conference in Europe. In this case, ICC should take into account the dates of the scheduled EUROCORR congress which are systematically chosen before ICC select their dates.

Item 4 EFC Activities and Projects

4-1 Report of the Scientific Secretary / Public Relation Officer

Appendix 5 of the Working papers provided the report of the Scientific Secretary / Public Relation Officer, covering activities since the last September BoA meeting.

The BoA approved the Scientific Secretary / Public Relation Officer's Report.

The STAC Chairman acknowledged the good job done over the past year.

4-2 EFC Publications

4-2-1 EFC Series

EFC STAC Chairman, Dr. Damien Féron reported on completed published works in the EFC Series as follows:

EFC 63 The Corrosion Performance of Metals for the Marine Environment-A Basic Guide" (a joint publication between EFC WP 9 and NACE) and EFC 64 "Recommended Practice for Corrosion Management of Pipelines in Oil & Gas Production and Transportation" by EFC WP 13

Two other EFC Greenbooks are planned on the topics of Archeological and History Artifacts and SCC of Ni-based alloys.

Appendix 6 of the Working Papers reported on the EFC President and the STAC Chairman's meeting with Mr. Michael Gallico from EFC publisher Maney on December 1st, 2011 in Paris. Maney has advised that they have taken the decision to no longer be the publisher of the EFC Series as they wish to cease publishing hard-cover books and concentrate only on journals. They would like to end the relationship before the February 2013 publishing agreement expiration, however advised that the EFC can end the agreement up until the expiration date.

Following an action placed on Prof. Michael Schütze to contact TTP (Switzerland), the BoA was informed that this publisher is also not interested in publishing hard-cover books.

Dr. Damien Féron and the EFC President reported on their contacts with Woodhead Publishers (Cambridge, England). A meeting took place in Paris the week before the BoA meeting with Francis Dodds, Woodhead's Editorial Director. A review of the present Maney contract's terms and conditions was carried out to see if Woodhead would be interested in improving certain terms and conditions under the present contract. While Woodhead is mainly interested in publishing longer books (150 to 200 pages) as a concession, they would agree to publish the EFC smaller books such as guidelines (circa 50 pgs.) as well, even at a profit loss in order to meet the needs of the EFC.

Some of the requests made by the EFC were to include a number of colour pages, increase the current Royalty by 1% (presently 10% with Maney), and have a booth at each year's EUROCORN, are still under discussion.

The STAC Chairman informed that Woodhead would be available to assist the Working Party Chairmen in editing their work and that they would not request a minimum number of books to be published annually.

Prof. Mario Ferreira expressed his recommendation for this publisher, saying that he had worked with them in the past and that they were very professional.

In conclusion, the BoA decided that it would continue negotiations with Woodhead.

Juliet Ippolito advised that she had made contact with Wiley U.S. who directed her to their UK division who directed her to their German affiliate Wiley-VCH who already publish the EFC-endorsed journal "Materials and Corrosion" together with Dechema and the "Corrosion Handbook" for Professor Schütze. They advised that their publishing history in the area of corrosion is strong and would certainly give the EFC publications a strong topic-oriented environment. EFC President and STAC chairman agreed that they would also meet with Wiley VCH's representative to get a second publishing offer for the EFC Series.

4-2-2 EFC Electronic Newsletter

As decided during the September BoA meeting in Stockholm, the September's hard-copy Newsletter was sent via a web-link in October 2011 to EFC's contact database by DECHEMA and included a cover letter written by the Scientific Secretary reporting on the recent EUROCORN event.

EFC National Societies were reminded to put a copy of the EFC Newsletter on their own websites.

The spring EFC e-Newsletter, prepared by Mrs. Juliet Ippolito, will be circulated for the occasion of the Corrosion Awareness Day on 24 April 2012, an initiative of the WCO. It was agreed that this Newsletter would be made available on the EFC website 1 day before to give EFC member societies the opportunity to distribute it to their individual society members by April 24th in a pdf-version if they so chose.

4-2-3 EFC Newsletter

It was stated that the hardcopy Newsletter N° 20 will be prepared by Mrs. Juliet Ippolito, the Scientific Secretary / Public Relations Officer, for distribution on the occasion of EUROCORR 2012.

4-2-4 Progress with items/articles for Publication in “Materials and Corrosion”

Dr. Roman Bender reported on progress regarding the publications in “Materials and Corrosion” (see **Appendix 1**).

This journal is one of the official publications of the EFC. For the March issue, an article on the new CCS Task Force will be included.

4-2-5 Request for Partnership between “Matériaux et Techniques” and the EFC

Appendix 7 of the Working papers presented a request from Marcel Roche regarding a possible partnership between the French journal “Matériaux et Technique” and the EFC.

The BoA approved this proposal.

Prof. Mario Ferreira asked whether other journals published in European countries may also apply for this kind of partnership.

The BoA agreed to this proposal, depending upon a formal acceptance of EFC-specified conditions (such as EFC logo in the front page, partnership with an EFC Member Society, only scientific and technical contents, papers accepted after reviewing by referees, information on EFC activities, ...) to be discussed during the next PAC Meeting

4-3 EFC Website

Dr. Roman Bender presented the status of the latest improvements to the EFC Website.

The new CCS Task Force was introduced together with the updated listing of the new Working Party Chairmen. The restricted area for the WP 16 Cathodic Protection has been implemented. The Chairman of this Working Party requests that access to this restricted area be limited to the EFC members. It has been agreed that the “Friends of EFC” are not to be permitted to access the Working Parties’ restricted areas via their own web pages. This stipulation is not presently applied by all the Working Party Chairmen, e.g. WP 4. Exceptions to the rules could be accepted for the very active members of the Working Parties who are not members of the EFC on a case by case basis.

This item will be again discussed during the next PAC meeting.

The STAC Chairman thanks Dr. Roman Bender for his actions.

Several suggestions for improving the EFC website were raised.

- EUROCORR Conferences appear clearly on the Home page but only chronologically on the “Events” page section under “Congresses and Symposia”. It was proposed to highlight the EUROCORR’s visibility on the EFC homepage.
- The EFC logo should appear in first order and in a bolder print in the EUROCORR documents so that it stands out more. This shall be implemented for EUROCORR 2013 at the request of EFC President.
- It was suggested to revise and update the EFC logo itself so that in the future it is more noticeable
- Access to the EFC Event Application Form should be improved, e.g. provide a specific button to appear clearly on the dedicated page.
- On the “Events” page, under the “Congresses and Symposia” section, “Previous EUROCORRs”, it is important to inform the readers that the proceedings from the recent past EUROCORRs can be downloaded free from the restricted areas of the websites of the EFC Member Societies.

The BoA members are reminded of the login and password, which allow them direct connection to the restricted area of the website:

Login: efc-boa
Password: edinburgh

The suggestion of Mrs. Juliet Ippolito to create a standardized form in order to encourage Working Party Chairmen to consistently report and update information on their web pages has been postponed as EFC Frankfurt advised that the Working Party Chairmen prefer to organize the content of Working Party’s web pages in their own way and don’t want them standardized.

Item 5 Finance: Honorary Treasurer’s Report

In the absence of the Honorary Treasurer, the EFC President presented and commented on the report given in **Appendix 2**.

BoA Members approved the Honorary Treasurer’s Report.

It was agreed to include in the agenda of the next PAC Meeting an item concerning the rules to be applied for EFC Member Societies who are severely behind in paying their membership fees by several years.

Item 6 EUROCORR Series: 2011 to 2015

6-1 EUROCORR 2011 - Stockholm (Sweden) - Final Report

Appendix 3 contains the EUROCORR 2011 final Report presented by Mrs. Ingegerd Annergren. A total number of 906 participants from 56 countries (Germany, France and Sweden being the most represented) had registered and the amount of the contribution to the EFC budget (EUROCORR levy) was € 23,358.

More than 200 questionnaires had been completed and analyzed, testifying to the overage majority satisfaction rate of the participants.

The BoA members are requested to note that the new KIMAB representative at the EFC General Assembly will be Mr. Johan Tidblad.

6-2 *EUROCORR 2012 – Istanbul (Turkey) - Progress with Arrangements*

EUROCORR 2012 will be held on **9 - 13 September 2012**, at the Sheraton Istanbul Maslak Hotel in Istanbul. The general theme will be “**A Safer World through better Corrosion Control**”.

Appendix 4 provides the report on the progress with arrangements for EUROCORR 2012 presented by Prof. Dr. A. Fuat Çakir.

696 abstracts (514 Oral presentations and 182 Posters) were submitted from 56 countries. The Paper Selection Meeting took place the day before the BoA Meeting where the program was established.

6-3 *EUROCORR 2013 - Estoril (Portugal) - Report on Preliminary Arrangements*

EUROCORR 2013 will be held on **1 - 5 September 2013**, at the Estoril Congress Centre, near Lisbon, starting on Sunday evening and will be organized by SPM. The general theme will be “**Corrosion control for a blue sky**”.

Appendix 5 provides the report on the preliminary arrangements for EUROCORR 2013 presented by Mrs. Fátima Montemor.

6-4 *EUROCORR 2014 – Pisa (Italy) - Initial Progress Report*

EUROCORR 2014 will be held on **8 - 12 September 2014** in Pisa, Italy at the Palazzo dei Congressi. The general theme will be “**Improving Materials Durability: from Cultural Heritage to Industrial Applications**”.

Appendix 6 provides the report on the initial progress for EUROCORR 2014 presented by Mrs. Paola Bassani of the Italian organizer AIM.

6-5 *EUROCORR 2015 - Bid(s) Presentation(s) and Selection of the Host*

Bid(s) for **EUROCORR 2015** had been received by the Frankfurt Office within the deadline of 31st December 2011. One bid was from Austria (ASMET) and the other from Russia (ANTICOR). Completed pro-formas providing details of the proposal were provided as Appendices 9 and 10 of the Working papers.

The bidders came to the meeting and presented their proposals in the following order:

- Prof. Dipl.-Ing. Dr. Gregor Mori from Austria (ASMET);
- Prof. Alexander V. Muradov from Russia (ANTIKOR).

The President thanked the presenters for coming and it was agreed that each would leave the room during the other's presentation. However, as a member of the BoA, Dr. Gregor Mori also participated in the vote. Following the presentations, a secret ballot was carried out by the voting members of the BoA.

The winner was ASMET's bid from **Austria** which is to host **EUROCORR 2015** in **Graz**. The proposed dates of the **6th to 10th of September 2015** were approved and the general theme will be “**Earth, Fire, Water, Air, Corrosion happens everywhere**”.

Appendix 7 contains the Austrian presentation.

The President congratulated Austria on its successful bid, stressing the importance of close collaboration between the local organisers and DECHEMA in order to ensure continuity with previous events in the series.

At the STAC Chairman's request, Prof. Dr. Gregor Mori accepted that the Working Party Chairmen will be invited instead of a 50 % reduced fee.

Finally the President thanked both bidders for their excellent presentations and expressed regrets that there could be only one winner. He encouraged Russia to bid again because Moscow proved to be an attractive venue for EUROCORR.

6-6 *Miscellaneous about EUROCORRs*

Upon the request of EFC President, the EUROCORR Organisers (from 2013 onwards) were asked to ensure that the EFC logo appears first and in a bigger and bolder image on all EUROCORRs documents.

Dr. Damien Féron requested that, in future, EUROCORR Organisers start the Congress on a Monday instead of a Sunday with the EFC official meetings (STAC and BoA) when possible.

Members are reminded that bids to host **EUROCORR 2016** should be submitted in writing to the EFC Frankfurt office by **by 31st December 2012** with a copy to the Scientific Secretary and the Paris Office.

6-8 *Methods to increase the number of International Exhibitors*

During the last PAC Meeting, an action was placed on the STAC Chairman to implement a **"EUROCORR Exhibition Advisory Board"** made up of local EUROCORR organizers and Working Party Chairmen to discuss ways of increasing the presence of international exhibitors at future EUROCORR conferences.

Dr. Damien Féron informed the BoA Members that this item will be discussed during the September Istanbul STAC Meeting. The STAC proposals will be presented to the successive BoA Meeting for approval.

Item 7 *EFC Approval of Short Courses*

BoA Members were reminded of the existing STAC agreement specifying that Corrosion Courses can be organized in Europe with the support of the EFC Member Societies and that EFC endorsement can be given to courses through the assigning of an EFC Corrosion Course number. The EFC By-Laws will have to be modified to specify that courses must be proposed by an EFC Member Society or a Working Party in order to qualify as an EFC-approved course. This activity will be monitored by the new Chairman of WP 7 Corrosion Education, Andreas Heyn.

Appendix 8 provides the draft of a standardized form for EFC Member Societies proposed by Mrs. Juliet Ippolito to publicize their short corrosion courses on the EFC website as a service to members. The BoA Members are invited to comment this draft by e-mail to be sent to Mrs. Juliet Ippolito.

If any changes are proposed and accepted, a revised draft will be presented during the next BoA Meeting.

Item 8 EFC Events and Calendar of Events

Appendix 11 of the Working papers provided an update of forthcoming events in the EFC Calendar prepared by Ines Honndorf.

BoA Members were reminded that the Calendar of Events is regularly updated on the EFC website by DECHEMA.

The Board was reminded that EFC Calendar of Events also includes non-EFC-sponsored events in an attempt to draw outside interest to the EFC as a central source of information on corrosion events throughout the world.

An Event Application Form can be downloaded directly from the “Congress & Symposia” section under the “Events” section of the EFC website.

Item 9 Any other Business

None.

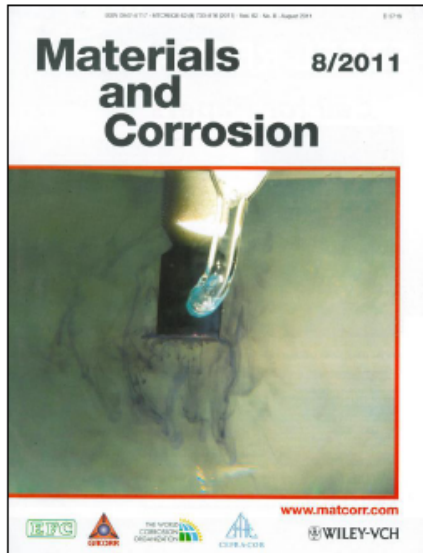
Item 10 Date and Place of next BoA

The next BoA meeting will be held in conjunction with EUROCORR 2012, in Istanbul, Turkey, on Sunday, September 9 afternoon (14:00 - 18:00) at a location to be specified. .

A P P E N D I C E S

Progress regarding the publications in “Materials and Corrosion”

Appearance of the EFC in Materials and Corrosion



Official Organ of the

Centre Français de l'Anticorrosion (CEFRACOR)
since 03/2010

European Federation of Corrosion (EFC)

The Society for Corrosion Protection e.V. (GfKORR)

and the World Corrosion Organization (WCO)

Materials and Corrosion 2010, 61, No. 8

Corrosion News 543

Society News

EFC Information



EFC Working Party 16: Cathodic Protection

Chairman:
Mr. Michel Roche
36, Doyenne de l'Orléans du Bois
78000 Le Mans-le-Roi
France
Tel.: +33-1-89 12 11 55
mroche@orange.fr

History of WP 16:
Approval was given by the IECG

WP 13 Corrosion in Oil and Gas Production, WP 14 Coatings and also in Europe with CECOCIA Sector A, active in cathodic protection of buried water and gas pipelines and, at an international level, with NACE technical committees acting in CP.

Activity Plan

- The major objectives are presently:
- Exchange of information and mutualisation for CP measurements and coating surveys techniques for buried pipelines.
- Follow-up of progress in Certification of CP personnel in Europe, especially consecutive to the publication of EN 15525.
- Preparation of an EFC Publication giving the best papers presented at the previous EUROCORR.

- Plan and present activities:
- Certification of personnel, services and companies active in cathodic protection.

This has been the first topic addressed by EFC WP16. There was a consensus on the need for a better

certification of cathodic protection personnel in Dec. 2006.

A follow-up is now organized by EFC WP16, especially for the progress of implementation of EN 15525 in European countries. The situation is updated for each country in order giving the cumulative number of delivered certificates and the number of active persons who are presently certified, for each competence level and each application sector. The latest published information is shown in:

Materials and Corrosion 2010, 61, No. 5

WP 16
04/2010

Society News

EFC Information



EFC Working Party 9: Marine Corrosion

Chairman:
Mr. Ulf Einarsson
All Sweden
Materials Technology R&D
P.O. Box 7400
81100 Sandviken
Sweden
Tel.: +46-2-61 64 130
ulf.einarsson@swedishmetall.com
Vice-chairman: Carl Petzel
Executive: Anne Marie Carlsson

WP 9
05/2010

In order to meet the objectives of the Working Party the following working methods have been decided to be used in the Working Party:

- Organise and participate in Workshops, Seminars and Conferences
- Prepare guidelines on all aspects of marine corrosion
- To either carry out research or stimulate others to do so in areas where a lack of scientific knowledge has been shown to exist.

History:

In the field of Marine Corrosion the important issue is the resistance of materials against corrosion in contact with seawater. In order to cover this area the Working Party "Marine Corrosion" was proposed after the International Congress of Marine Corrosion held in Cannes 1964. During the years, the Working Party has been active in several areas. In the frame of the working party literature studies have been performed on the subject of marine corrosion testing, crevice corrosion in seawater and corrosion of zinc

iron bronze steels such as aluminium and copper based alloys have been included in the activities. Since the EFC series was introduced the Working Party has been involved in six publications in the EFC series until today. Further details of the history of the Working Party can be found in the history publication of EFC.

Work programme:

- Prepare a new EFC publication with the working title "Corrosion Behaviour of Alloys used in the Offshore Marine Environment - A Guide for New Engineers".
- Arrange a Marine Corrosion session at EUROCORR each year
- Work with performance of copper base alloys in seawater piping systems in order to find areas where more information is needed.
- Follow the standardisation of the test methods from the "Grescor" project
- Survey about existing seawater testing laboratories

Call for next meeting:

Progress regarding the publications in “Materials and Corrosion” (Continued)

*

530 Corrosion News

Society News

EFC Information



EFC Working Party 4: Nuclear Corrosion

Organization: Dr. Dariusz Pilnik
Vice-Chairman: Thierry Coudane

Mission:

- To provide links between European teams and EU-funded programs in the nuclear corrosion field, with an opening as to the world.
- To initiate and stimulate opportunities of exchange of scientific and technical subjects related to nuclear corrosion, particularly on today's main nuclear

EFC Event no. 329, Organized by SCE-CEN and NUBAS/ONDRAF, www.sce-cen.be/en/Events/LongTermCor2010

International Workshop on "Aging Management of Nuclear Power Plants and Waste Disposal Structures" 7-10 November 2010, Toronto, Ontario, Canada. EFC Event no. 336, Organized by Atomic Energy of Canada (AECL) and CEA in conjunction WP 4, www.aecp2010toronto.ca

Upcoming WP 4 publications:

- Corrosion Monitoring in Nuclear Systems - Research and Applications (EFC No. 56, Edited by S. Ritter and A. Molander, Wiley Publishing Program, approx. September 2010)
- Chairman: Dr. Dariusz Pilnik

Materials and Corrosion 2010, 61, No. 7

WP 4
06/2010

Society News

Further News are available free of charge on the homepage of Materials and Corrosion: www.matercorr.com

These News include:

- Community News
- Book Reviews
- Profile

as well as the German News Section "Korrosionsmeldungen"

EFC Information

Activities of the EFC-Working Party 3 "Corrosion by Hot Gases and Combustion Products"

by Michael Schütz

The main activities of the wp have been in organizing another workshop in the series of bi-annual workshops of the wp and in the preparation of documents for the standardization of high temperature corrosion testing.

The workshop with the title "Solutions for High Temperature Corrosion Protection in Energy Conversion Systems" took place from 10 September to 02 October 2009 at DECHEMA in Frankfurt/Main and attracted more than 300 participants. Prior to the main workshop

ISO/TC 156 NP 21608: Corrosion of Metals and Alloys - Test method for isothermal exposure oxidation testing under high temperature corrosion conditions for metallic materials

Voted to become Draft International Standards (DIS)

ISO/TC 156 NP 20146: Corrosion of Metals and Alloys - Method for metallographic examination of samples after exposure to high temperature corrosion environments

Voted to become Committee Draft (CD)

ISO/TC 156 NP 21608: Corrosion of Metals and Alloys - Test method for thermal cycling exposure testing under high temperature corrosion conditions for metallic materials

Voted to become Committee Draft (CD)

Currently four further documents are

WP 3
07/2010

Materials and Corrosion 2010, 61, No. 12

Corrosion News

The German News Section „Korrosionsmeldungen“ is available free of charge on the homepage of Materials and Corrosion: www.matercorr.com

EFC Information



New EFC Working Party

EFC Working Party 21: Corrosion of Archaeological and Historical Artifacts

The understanding of corrosion mechanisms that occur on archaeological heritage materials and artifacts is a

This forum will provide recent positions offer for the different laboratories of the WP21 members.

Ph.D. Position:

Title: Effect of the radiolysis on anodic corrosion: response focused on very long term on bronze alloys.

The aim of this PhD will be to study the influence of radiolysis on anodic corrosion products formed on archaeological artifacts. This will help French engineers to evaluate the radiolysis effect on the steel environment used for the storage of nuclear waste. 3 year contract funded by French CEA and CNRS.

"Post doctoral position"

Title: Study of archaeological artifact corroded in acidic media

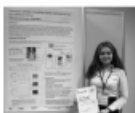
3 to 5 years position

Beginning: January 2011

Chairman: Dr. Philippe Gilman

Her poster presented the first results evaluating different media regarding their suitability for a geological evolution CEA site of Germany in equivalent corrosive environment using electrochemical and metallographic techniques.

- EFC06710



Dr. Tina Hensel after receiving her award at EUROCORR 2010

2010, 61, No. 12

Corrosion News

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WP 21
11/2010

EUROCORR 2011
12/2010

EFC Information

EUROCORR 2011

"Developing Solutions for the Global Challenge"

September 4 - 8, 2011, Stockholm (Sweden)

The EUROCORR local conference organizing committee is pleased to welcome you to the European Corrosion Congress 2011 which is to be held in Stockholm, Sweden.

The event is taking place at Stockholm International. Parts located about 10 minutes by local trains from the city centre. The local organizing committee is led by Svenska PTTAB, an institute within the field of

In addition, to encourage the young generation of corrosion researchers a PhD graduate course encompassing corrosion will be held in conjunction with the conference.

On the behalf of the local organizing committee, it is my honour to invite you to EUROCORR 2011 and Stockholm. Stockholm knows for its hospitality and recognized for its natural beauty is located on numerous islands surrounded by water stretching far out in the rich archipelago.

We are welcoming all our guests and look forward to meeting you in Stockholm!

Angered Aenejens
Svenja KIMAB
Chairperson of the International Electrode Commission

path of least resistance between the electrode and the weld metal, the position of the weld cannot be easily determined, which can have a negative effect on the welding results. If a low power laser beam provides the axis, the arc follows it, and is stabilized. Thus, not only the welding seam quality is improved, but the welding speed can also be significantly increased.

This new process has already been subject to tests for conventional, high strength and high-strength steels, as well as for aluminum materials. At the same welding depth, the welding speed could be increased by up to 100 per cent. Also, oscillating and contoured welding seams, and complicated welding shapes can profit from this new process.

Therefore, this innovative technology is

Progress regarding the publications in “Materials and Corrosion” (Continued)

Corrosion News



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www.matecor.com

EFC Information

2nd International Workshop on Corrosion Monitoring in Nuclear Systems (Research and Applications) during EUROCORR 2011

September 4 – 8, 2011, Stockholm (Sweden)

Even if the plant availability of nuclear power plants has increased and the radiation build-up has been effectively mitigated, corrosion continues to influence plant performance and availability. Recent examples are stress corrosion cracking attacks on type 316L stainless steel in boiling water reactors, attacks on nickel base alloys in commercial reactors

of corrosion monitoring or related techniques (e.g., electrochemical noise, ACPD/DCPD methods, acoustic emission, electrochemical impedance spectroscopy, monitoring corrosion potentials, activity monitoring, etc.) for all types of fusion reactors (incl. secondary side), nuclear waste disposal or other industrial nuclear systems (e.g., reprocessing plants). Papers presenting more basic research on corrosion monitoring techniques are also very welcome.

For further information, please contact: EFC WP 4 “Nuclear Corrosion” in cooperation with the ECG-COMON Chairmen: Stefan Ritter, stefan.ritter@psi.ch, Andrius Molander, andrius.molander@stud.kth.se, www.eurocorr.org
–EFC00111–

the Group's global reach provides “one-stop” service for their inner side and future. A room of 1 neutral and yet personally. The post employees and visitor since it was opened: Krupp's “Room of Side” need of many people peace during their work. Much of the stress the room's interior a inner walls of the millimeter shingles in 500 kilograms of titanium lighting. As in most Group's new headquarter building “Titanium”

Workshop during
EUROCORR 2011
2/2011

Materials and Corrosion 2011, 41, No. 7

Corrosion News

Corrosion News



The German News Section „Korrosionstechnische“ is available free of charge on the homepage of Materials and Corrosion:
www.matecor.com

WP 5
07/2011

EFC Information

EFC Working Party 3: Environment Sensitive Fracture Chairmen:



Dr. Krzysztof Wójcik
Department FME
Centre SMS – UMH CNRS 5146
Ecole des Mines de Saint-Etienne
158, cours Fauriel
42023 Saint-Etienne Cedex 02
France



Dr. Vigdis Ødeh
SINTEF Materials and Chemistry
R. Holmlands vei 28
7405 Trondheim
Norway

WP3's overall objective is to bring together scientists and engineers encountering the problems of crack initiation and propagation in different application fields including nuclear, petrochemical and aeronautical industries. In such environments fracture often results from a synergistic action of mechanical loading and aggressive environment which can be either water or hydrogen or reactive gases or even more specific like liquid metal. The common feature required for accurate prediction of the remaining lifetime is the need to understand the mechanisms of crack initiation and crack propagation.

WP3 specific interests concern the fields of hydrogen induced cracking, stress corrosion cracking, fatigue-corrosion, high temperature corrosion and liquid metal embrittlement and are aimed at:

- confronting physico-chemical and mechanical approaches in modelling environment sensitive fracture,
- providing the use of advanced local investigation methods (AFM, EBSD, APM/SPM, nanomechanical testing) for understanding range description of crack initiation sites and crack-path characteristics,
- providing the use of material stress-lifetime based on multiscale physical approach and
- contributing to the definition of recommendations through interaction with colleagues from different application fields.

WP business meetings: The next meeting of the WP3 on Environment Sensitive Fracture will be held in Stockholm, Sweden, during EUROCORR 2011.

If you wish get involved in the activities of the WP3 on Environment Sensitive Fracture please visit the homepage of WP3 to register online under <http://www.eurocorr.org/Working-Parties/WP-5.html>
–EFC00111–

Community News

High Quality and Process Stability for Welding Copper

Welded contacts on an IC (TSOP 65mm pitch) on a printed circuit board (PCB) using a laser pre-pulse and 18 laser main pulses newly developed “laser pre-pulse module” can be used to initiate the copper welding process and provide a 100% working guarantee. The laser is small and inexpensive, the results of process developments at the Laser Zentrum Hannover e.V. (LZH).

Copper alloys are often found in electronics, sensors and precision engineering applications. Here, high demands are placed on the heat and mechanical stress resistance of spot welds, and laser micro-welding has very good weld quality. However, non-ferrous metals are difficult to weld, due to high reflectivity and a molten layer in energy absorption where the melting temperature is reached. It is difficult to repeat good welding results, and with low process stability up to now lasers have only been used following complex surface treatment, or for special applications.

Researchers at the Department of Production and System Technology at the

Corrosion News



The German News Section „Korrosionstechnische“ is available free of charge on the homepage of Materials and Corrosion:
www.matecor.com

EFC Information

EFC Working Party 3: Physico-Chemical Methods of Corrosion Testing



Chairman:
Dr. J.M.C. Ajayan Mol
Delft University of Technology
Department of Materials Science and Engineering/Surface and Interface Group
Mekeling 2
2628 CD Delft
The Netherlands

Mission

To provide a sound platform for international networking and activities in the area of physico-chemical methods of corrosion testing in itself and in collaboration with other Working Parties (WPs).

Vision

First of all to accommodate a well equipped international platform for all high level scientific contributions with a focus on the development of innovative physico-chemical measuring techniques

during EUROCORR and second to present and follow-up novel developments together with the other WPs.

During EUROCORR, in close contact with the other WP3 members and other WPs the aim is to define follow-up actions for 15 forward topics around which self-organizing activities are expected.

Topics

- From micro to nano electrochemical techniques: SVE, APM/SPM, LRS, etc.
- Testing methods of corrosion of metals in (simulated) body environments
- Further developments in DC and AC electrochemical testing methods (EIS, EIS, etc.)
- Contribution of micro/nanostructural analysis and electrochemistry/corrosion (e.g. in situ corrosion TEM analysis)
- Correlation of physico-chemical laboratory testing methods with accelerated testing and in-field behavior
- High-throughput screening methods
- Corrosion sensor development
- Other topics to be defined

Activities

- Organize international networks around topics of physico-chemical testing methods
- Assessment of the state-of-the-art of techniques and current joint activities by focused workshops as a basis for planning future research activities
- Dissemination of information on deep-cut topics of physico-chemical testing methods during conferences and scientific workshops

- Contributing to and editing of special issues of EFC series on dedicated topics of physico-chemical testing methods as well as the EFC Newsletter
- Training and practical work exchange of young researchers (e.g. summer schools)
- Round-table exercises for novel (local) physico-chemical testing methods
- Involvement in corrosion testing standardization activities
- Active work interaction with other EFC and NACE WPs (e.g. Specific Technology and Measurement Science and Engineering Applications)

Session – joint sessions on EUROCORR
Future interaction is to be continued and set up for the next event with WP3 Surface Science (to be analyzed) analysis of corroding surfaces – Session Mechanisms and Methods – from EUROCORR onwards and WP14 Corrosion (Physicochemical testing methods for coated materials – Session Local Corrosion – to study surface treatments and coatings (produced by nanotechnology for EUROCORR2011), business of corrosion of physico-chemical laboratory testing methods to accelerated testing and in-field exposure for dedicated application areas (e.g. WP 17 Automotive), also opportunities for joint activities are to be identified.

Active participation
Members are encouraged to actively seek for opportunities to exploit the activities within the framework of WP3 and contact the Chairman for further discussion and interaction.
–EFC00111–

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www.matecor.com

WP 8
08/2011

Corrosion News



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www.matecor.com

WP 17
10/2011

EFC Information

EFC Working Party 17: Automotive Corrosion

Chairman:



Dr. Pierre Harnier
Tata Steel Research Development & Technology
P.O. Box 10800
1700 CA IJzendoorn
The Netherlands

Mission objectives

The mission of the WP17 is to guide all parties of the automotive value chain in corrosion related issues by means of an active and internationally recognized working party with extensive network.

The objectives of the Working Party are:

- to guide automotive manufacturers, suppliers and material producers to make the optimum choice in materials and material combinations for durable, reliable and safe service conditions

- to create a network and provide links between industries and research academic organizations in the field of automotive corrosion and corrosion prevention,
- to disseminate information on automotive corrosion events and publications worldwide,
- to initiate work programmes and projects in the field of automotive corrosion and corrosion prevention technologies and education and extend to a range of European programmes but also international exchange programs,
- to stimulate the exchange of scientific and technical papers in the field of automotive corrosion: material, corrosion testing, corrosion prevention technologies, design to corrosion, corrosion after forming and joining,
- to be actively involved in automotive corrosion standardization activities.

The working party 17 (WP17) is referred “young” and was taken over by Pierre Harnier (Corus, from Sept. 2010 Tata Steel Europe Research Development & Technology as chairman in 2006. The main focus of WP17 has been to organize strong sessions covering key topics in the automotive corrosion and corrosion prevention solutions.

Moreover, because of the specificity of the automotive corrosion issues, it has been a main focus to stimulate the participation of industries to EUROCORR. European but also international OEMs have been approached as automotive manufacturing is expanding significantly globally for the next years, in particular in Asia.

In 2005, a successful joint session was organized with WP14 (Joining) and WP 18 (Performance) entitled “Corrosion and Tribocorrosion aspects of coated materials in the automotive industry”. At

It is also the aim to work interaction with NACE in this area. NACE has technical committees and members of some STC/02, 04, 09 and 41 have recently joined the WP17. At Eurocorr 2011, Prof. Dr. Thomas Isenhardt, the vice chair of NACE Group, chaired the automotive session.

Working party activities and technology areas covered by the WP are:

- Inventory of the main durability and material degradation problems in the automotive sector: perforation, corrosion, galvanic corrosion in particular
- Relationship between actual behavior of products, components and materials versus results of accelerated laboratory test methods: correlation laboratory tests and field
- Corrosion solutions specific to automotive applications and durability aspects
- Understanding of corrosion linked to multiresistant components under actual service conditions
- Design aspects to corrosion
- New materials development for internal components and for the body in white: metals, polymers, plastics etc.
- Trends in car body painting processes/ environmental concerns
- EU specifications and standards

In 2009, the WP chairman proposed to start a new technical area activity on heat exchangers and engine coolant. A day session dedicated to this area took place at Eurocorr 2011.

Publications in the EFC series

- Book EFC 52 “Progress in Corrosion – The

Progress regarding the publications in “Materials and Corrosion” (Continued)

Corrosion

NUCPERF 2012
02/2012

EFC Information

NUCPERF 2012: Long-Term Performance of Cementitious Barriers and Reinforced Concrete in Nuclear Power Plant and Radioactive Waste Storage and Disposal

November 12-15, 2012, Cadarache (France)

After the success of the NUCPERF2006 workshop on Corrosion and Long-Term Performance of Reinforced Concrete in Nuclear Power Plants and Waste Facilities and the NUCPERF2009 workshop on Long-Term Performance of Cementitious Barriers and Reinforced Concrete in Nuclear Power Plants and Waste Management (Cadarache, France, 27-30 March 2006 and 30 March-2 April 2009), the organizers and the sponsor organizations propose to focus the NUCPERF2012 meeting on Long-Term Performance of Cementitious Barriers and Reinforced Concrete in Nuclear Power Plants and Radioactive Waste Storage and Disposal.

Objectives:

- To present the expectations of regulators, licensees, designers and researchers with regards to reinforced concrete structures.
- To discuss R&D progress with regard to long-term performance of reinforced concrete structures.

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The German News Section „Korrosionsschäden“ is available free of charge on the homepage of Materials and Corrosion: www.matcorr.com

EFC Information

**EFC-Event No. 350
EFC Workshop: Beyond Single Oxidants**

September 19-21, 2012, Frankfurt am Main (Germany)

Single oxidant situations are not often present in high temperature industrial environments. Rather, mixtures of oxygen with other species are encountered which make the high temperature corrosion situation more complex than simply the formation of a homogeneous oxide scale on the material surface. Examples of such environments include various combustion atmospheres, e.g. oxy fuel combustion, the combustion of biomass, industrial residues or domestic waste, as well as gasification environments with low oxygen partial pressures and high activities of e.g. carbon, sulphur and other constituents. Although significant efforts have been undertaken in recent years to throw further light on such complex conditions, there still exists a considerable ambiguity and lack of understanding concerning different mechanisms and how their interactions with one another govern long term effects on materials. The need for further exploration in this area and predictable component operation in such environments has significantly risen in recent years, as the intention to more

current state of knowledge and understanding in this area of materials science and to identify the needs for future research. It will follow similar approaches of former workshops in this series of EFC events on high temperature corrosion. All those interested in attending and/or presenting at this workshop are cordially invited to do so.

Dates to note:
March 21, 2012: Submission
May 2012: Notification of Acceptance
June 2012: Mailing of Final Programme and Registration

Publications:
Refereed contributions will be published after the Workshop in a special issue of the journal Materials and Corrosion. Authors who wish to submit their contributions for publication will be requested to deliver their manuscripts by the beginning of the workshop. Details concerning the procedures for submission will be provided to a

EFC Task Force: CO₂-Corrosion in CCS-Applications

Chairman:



Dr. Ralph Bögler
BAM – Bundesanstalt für Materialforschung und -prüfung
Fachbereich 6.2: Korrosion von technischen Anlagen und Geräten
Postfach 12200 Berlin Germany

Tel: 0049 30 8104 3155

**TF CO₂ and Event 350
03/2012**

select two posters for an award of EUR 250.
For more information, please contact:
DECHEMA e.V., Rüdiger W. Thies

introduction of this technique to many fields in order to minimize carbon dioxide emission to the atmosphere, the safety of

Calendar of Events

New Entry

Conference/Workshop/Symposium

Fair

Course

20. – 25.5.
Les Embiez
(France)

8th International Symposium on High-Temperature Corrosion and Protection of Materials

Institut Camot CIRIMAT
Dr. Daniel Monceau
Toulouse
France
danielmonceau@enciacet.fr
www.htc-pm2012.com

EFC Event No. 342

27. – 31.5.
Sorrento (Italy)

VI. International Symposium Aluminium Surface Science & Technology

www.asst2012.org

Agency YES Meet
info@asst2012.org
www.asst2012.org

EFC Event No. 345

4. – 6.6.
Lviv (Ukraine)

Corrosion 2012–XI. International Conference and Exhibition

Ukrainian Association of Corrosionists
Prof. V. Pokhmurski
Lviv
Ukraine
corrosion2012@ipm.lviv.ua
www.corrosion2012.ipm.lviv.ua

EFC Event No. 347

EUROPEAN FEDERATION OF CORROSION
Treasurers report to the Board of Administrators - March 2012

1 Subscriptions

The total of subscriptions billed for 2011 for all classes of member amounted to €52,167. Cash of €38,784 has been collected to date and this compares to a budget of €37,332 for the year. I expect to receive more subscriptions before the 2011 accounts are finalised AITIVA (Italy), Hungary, Croatia, Czech Association for Materials Protection, Slovenia, Albania, Svuom SRO (Czech Republic), Campi and Engineers Society of Corrosion (Serbia) owe €1,352 each. Norway owes €1,567 and Libya owes €1,000. This makes a total of €13,383 owing for 2011. In addition some of these societies owe subscriptions for earlier years. Subscription invoices for 2012 totalling €56,024 were sent out on 4 March 2012 and over €10,000 has been collected to date.

2 Eurocorr levy

We have received €23,538 in respect of Eurocorr 2011 and this exceeds the budget of €17,640.

3 Book royalties

We do not have full details of the income due for the year.

4 Expenditure

Total expenditure for the year is likely to be around €45,000. This is much higher than 2010 (when expenses were low because of Paul McIntyre's illness) but less than the 2011 budget.

5 Surplus for the year

I estimate that the surplus for 2011 will be in the region of €20,000.

6 Draft results

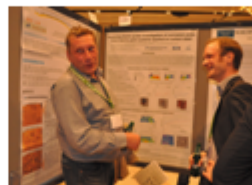
I expect to be able to complete draft accounts by the time of the next Presidents' Advisory Committee meeting.

Ray Milbank
Honorary Treasurer
26 March 2012

EUROCORR 2011 - Final Report

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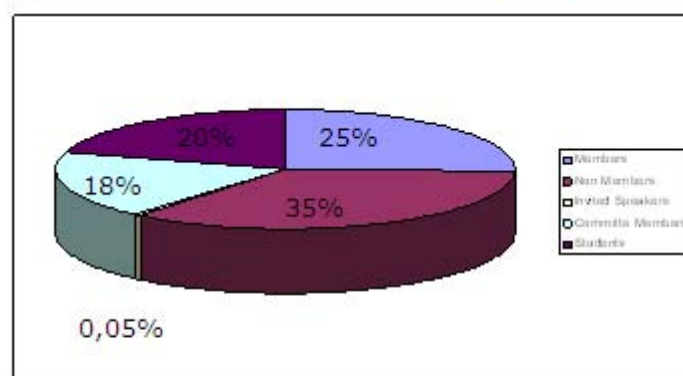
EUROCORR 2011



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EUROCORR 2011

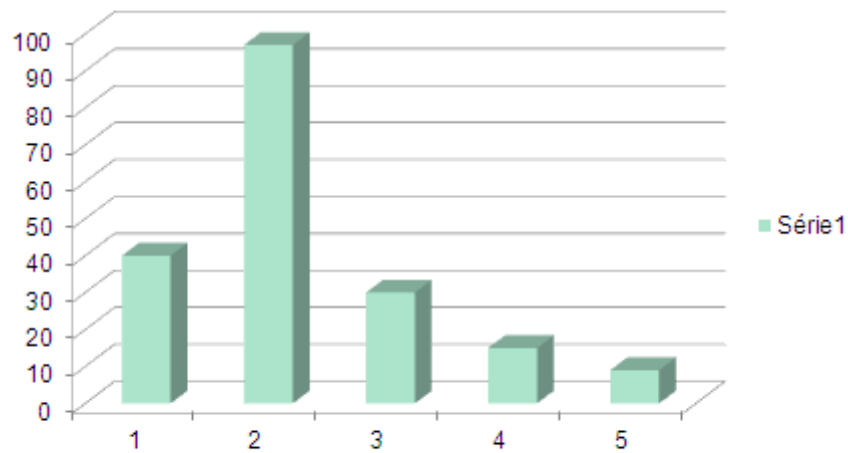
906 participants from 56 various countries



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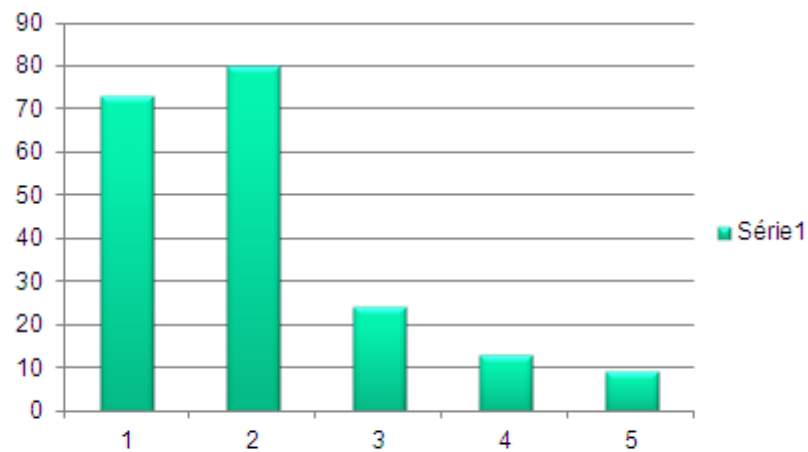
EUROCORR 2011 - Final Report (Continued)

1.Information prior to Eurocorr 2011



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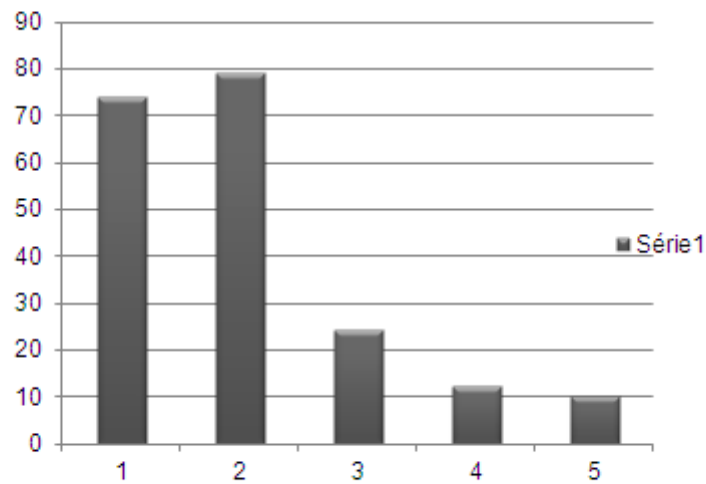
2. Registration, format and clarity



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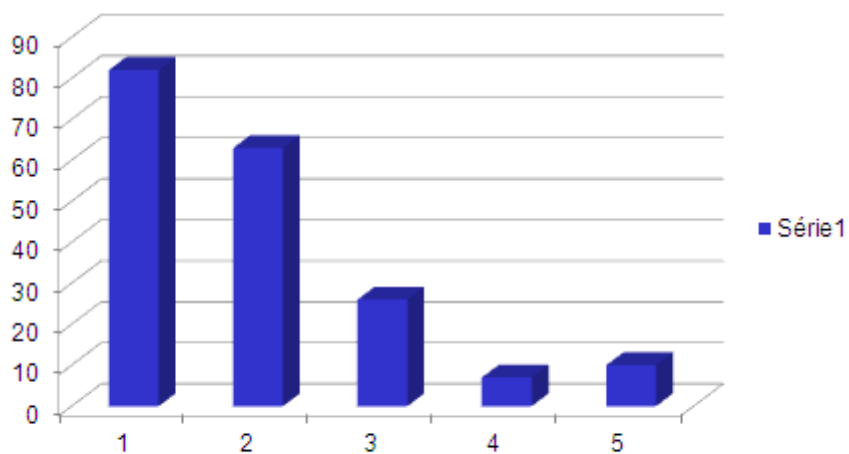
EUROCORR 2011 - Final Report (Continued)

3. Contact with conference office

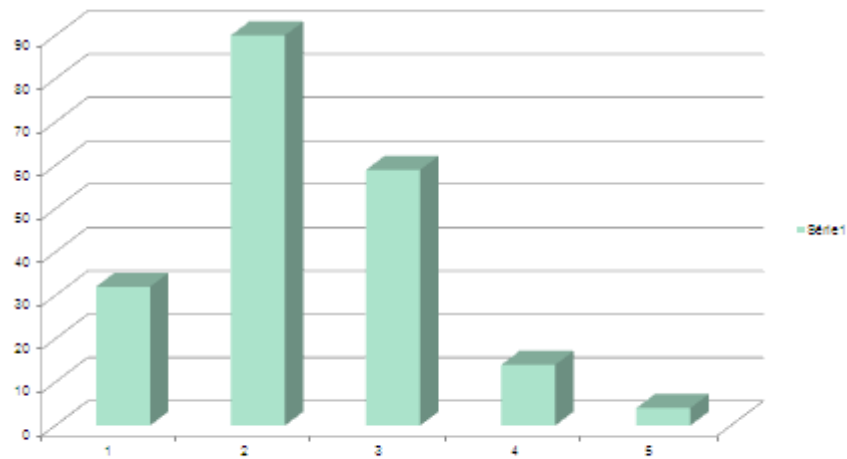


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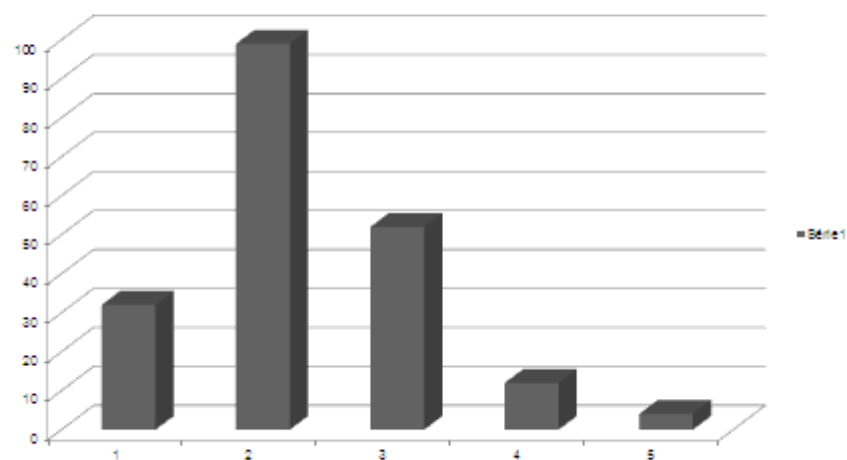
4. Registration through internet



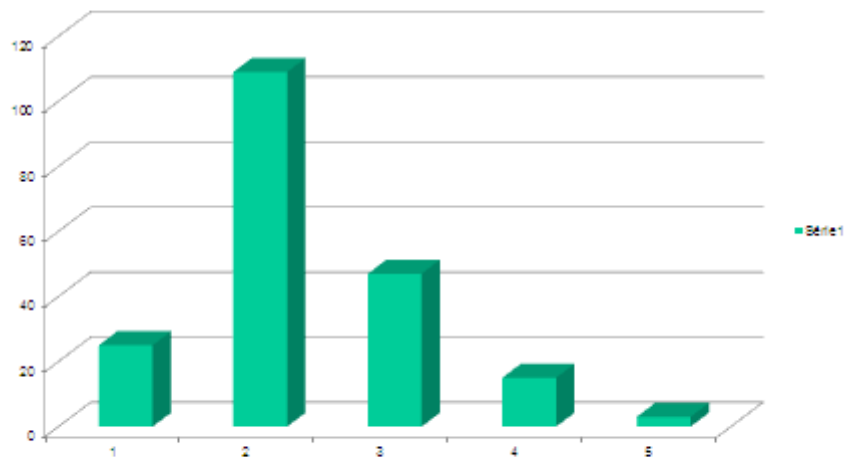
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EUROCORR 2011 - Final Report (Continued)**5. Presentations**

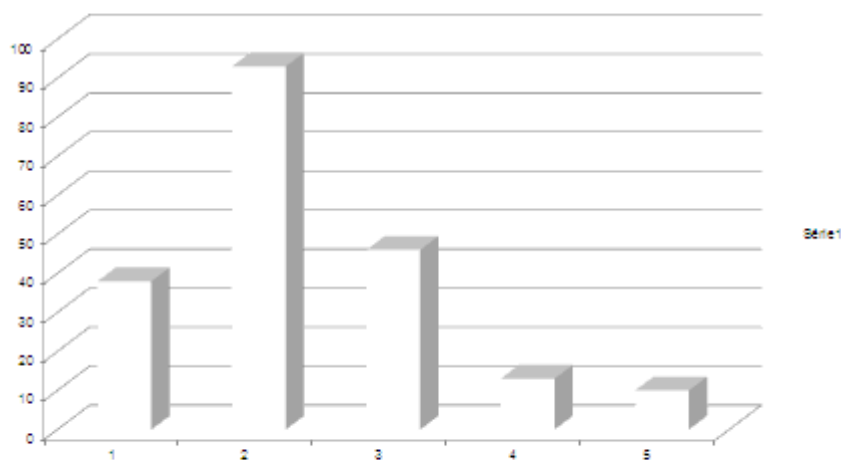
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6. Topics

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EUROCORR 2011 - Final Report (Continued)**7. Overall impression of the conference**

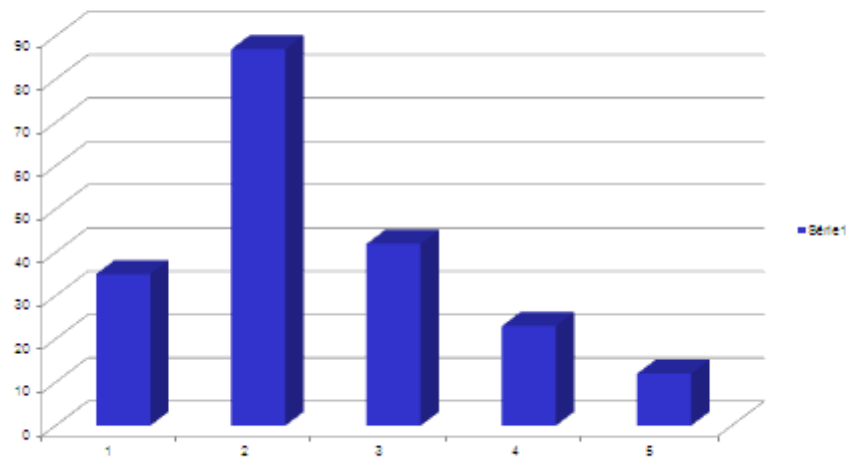
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8. Technical infrastucture at the conference

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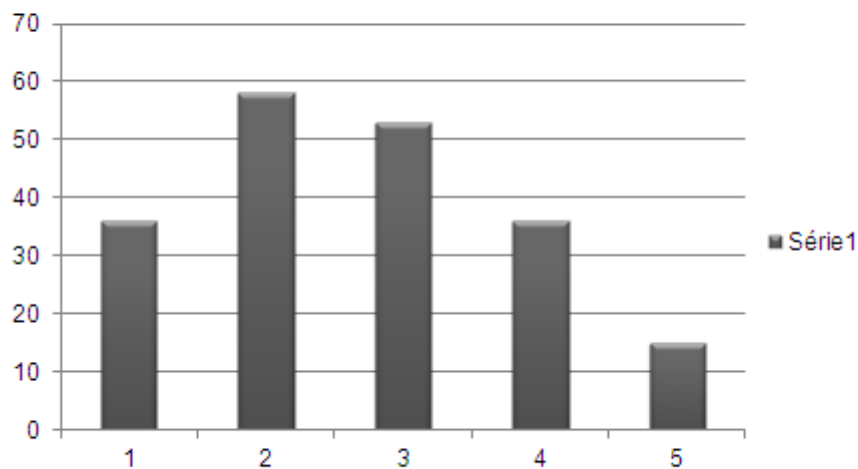
EUROCORR 2011 - Final Report (Continued)

9. Älvjö Congress centre in general



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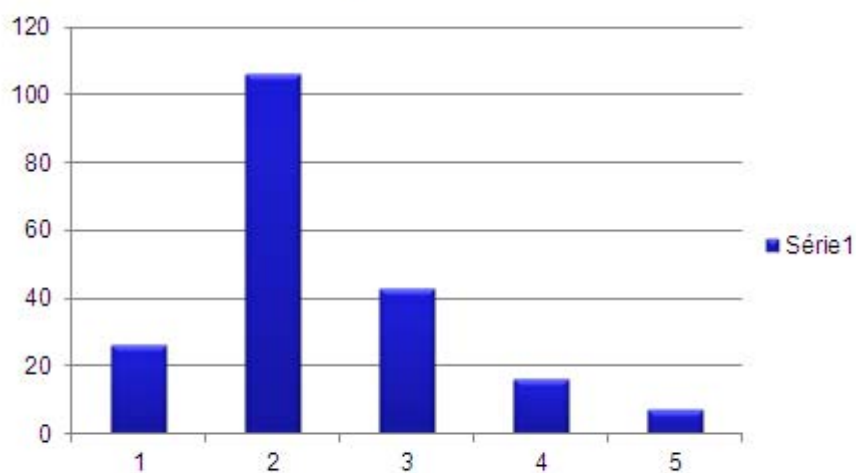
10. Food and beverages



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EUROCORR 2011 - Final Report (Continued)

11. Overall arrangement of conference



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Eurocorr 2011 closing



Ingegerd
Annergren



Margaretha
Sönnergaard

Tomas
Hult

Brita
Bäckström

Martin
Jönsson

New contact; Johan Tidblad
(johan.tidblad@swerea.se)



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20/05/2012 Eurocorr 2011

14

EUROCORR 2012 - Progress with Arrangements



EUROCORR 2012 - Progress with Arrangements (Continued)



Congress Office

ZED CONGRESS ORGANIZER

Contact Person

Sinem ÖZYALÇIN




EFC Office

Roman Bender	DECHEMA e.V., Frankfurt am Main/D
Heike Geiling	DECHEMA e.V., Frankfurt am Main/D
Ines Honndorf	DECHEMA e.V., Frankfurt am Main/D
Willi Meier	DECHEMA e.V., Frankfurt am Main/D



EUROCORR 2012 - Progress with Arrangements (Continued)



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Chairman
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 Istanbul Technical University/TR

Co-Chairmen
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Philippe Marcus EFC President, Chimie ParisTech/F

(+ 32 scientists and administrators)




Turkish Scientific Committee

Chair
Ali Fuat Çakır Istanbul Technical University, Istanbul/TR

(+ 32 Scientists and Corrosion Specialists)



EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

Dates to note

10 February 2012	Deadline for submission of abstracts
April 2012	Notification to authors
June 2012	Preliminary programme
15 July 2012	Submission of full manuscripts for the CD-ROM
15 July 2012	Deadline for early and authors' registration




EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

CONGRESS THEME

- Corrosion not only causes nearly 2,200 billion dollars worth of damage for the inhabitants of our planet each year but also severely endangers their safety. This concept thus constitutes the main theme of our congress:
- **“Safer World Through Better Corrosion Control”**
- In Turkey the geographical reality of earthquakes are not forgiving of recklessness and indifference to corrosion protection.

EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

EUROCORR 2012 LATEST INFORMATION

Total number of submitted abstracts : 697
Total number of participating countries : 56

Top 5 countries	: Turkey	: 80
	: Germany	: 68
	: France	: 65
	: Iran	: 45
	: Italy	: 31




EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

EUROCORR 2012 CONGRESS VENUE

Sheraton Istanbul Maslak Hotel and Congress Center



EUROCORR 2012 - Progress with Arrangements (Continued)



CONGRESS VENUE

- Sheraton Istanbul Maslak Hotel and Congress Center is at the new business district of Istanbul & surrounded by multinational corporate offices & leading bank headquarters.



EUROCORR 2012 - Progress with Arrangements (Continued)


EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

Sheraton Istanbul Maslak

- Five star convention hotel experienced in welcoming national and international congresses and conventions
- Provides more than 20 modern conference rooms
- The capacities are from 40 to 850 pax
- Has 305 rooms for business and leisure






EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

Distances from the hotel

• Istanbul Atatürk Airport	30 km
• Bosphorus Bridge	5 km
• Sabiha Gökçen Airport	40 km
• <u>Taksim, City Centre</u>	10 km
	<u>15 min. by subway</u>
• New Generation Shopping Mall, Istinye Park	At a walking distance

EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY			
CAPACITY CHART (Theater Sitting)			
MEZZANINE		1 st FLOOR	
Sun	60	(Galaxy	800)
Delta	50	Galaxy I	250
Gamma	30	Galaxy II+III	390
Alpha A	30	(120 + 270)	
Alpha B	25	Neptune	60
Alpha D	25	Mars	60
Orion	24	Jupiter	30
		-1 st FLOOR	
		Flamm	120
		Terra	100
		Aqua	80
Room with capacity equal or greater than 100 people		6	(4)
Room with capacity between 50 and 100 people		5	(5)
Room with capacity equal or smaller than 30 people		5	(5)
		TOTAL	16
HALL for Poster, Exhibition, Lunch : 1500 m² (single, large room)			

EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY			
REGISTRATION FEES			
Registration Type	Early Registration before June 29, 2012	Promo Registration before June 29, 2012	Late Registration from June 30, 2012
EFC-NACE Members	€ 680	€ 780	€ 755
Non EFC-NACE Members	€ 750	€ 850	€ 830
Students	€ 250	€ 350	€ 300
Accompanying Person (AP)	€ 250	€ 350	€ 300
One day ticket	€ 250	€ 350	€ 300
Gala Dinner	€ 150	include	€ 150

Registration Fee includes:
Conference documents (except AP), Welcome Reception (Sunday 9th),
 Refreshments, Lunches (open buffet)

Promo Registration fee includes:
All above plus Gala Dinner

EUROCORR 2012 - Progress with Arrangements (Continued)



The slide features a decorative header with the EUROCORR logo and the text "EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY". Below the header, the text "Estimated Hotel Fees" is displayed in white on a blue background. The slide lists the following hotel fees:

- 5* Hotel fees approximately**
220 € - 260 € (for our event 200 € - 240 €)
- 5* SHERATON Istanbul Maslak Hotel**
164 € - 184 €
- 4* Hotel Taksim District**
140 € - 160 €
- 3* Hotel Taksim District**
80 € - 100 €
- ** Special Arrangement will be made for students (Hostels etc.)**

EUROCORR 2012 - Progress with Arrangements (Continued)



Estimated Hotel Fees

4 Star	NIPPON HOTEL	25 minutes to the Venue
	160 € - 180 €	
4 Star	GREENPARK HOTEL	25 minutes to the Venue
	145 € - 170 €	
4 Star	GOLDEN AGE I	25 minutes to the Venue
	145 € - 170 €	
4 Star	FERONYA HOTEL	25 minutes to the Venue
	115 € - 140 €	
4 Star	CITY CENTER HOTEL	25 minutes to the Venue
	115 € - 135 €	
3 Star	HOTEL VILLA ZURICH	25 minutes to the Venue
	100 € - 125 €	



Estimated Hotel Fees

Special Arrangement for students:

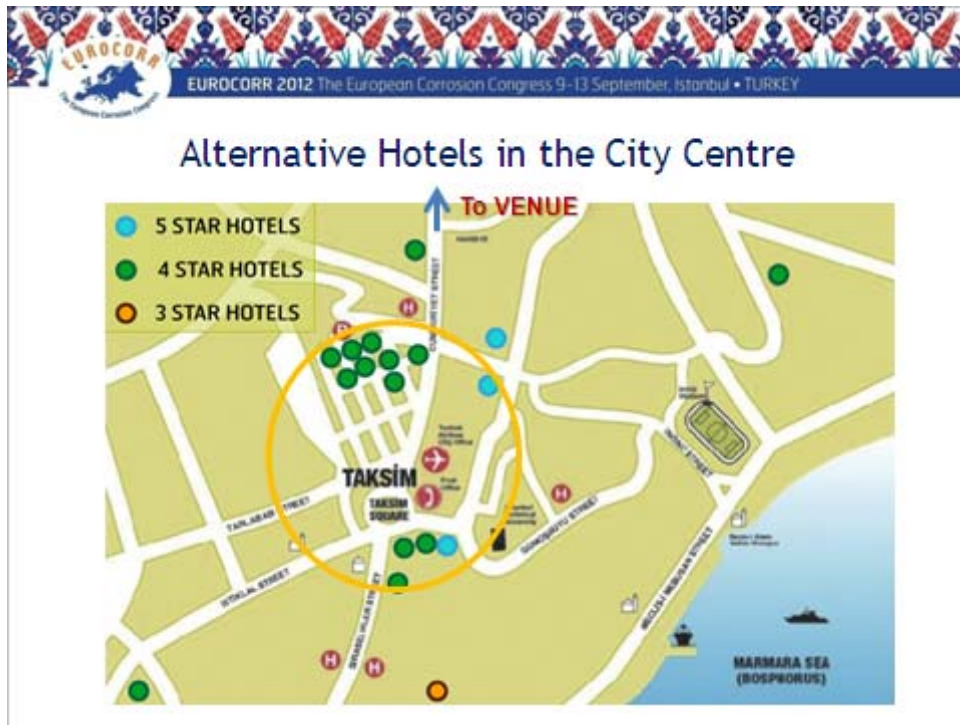
Istanbul Technical University Student Residences

- Taksim (20 Rooms, each room for 3 person) : 60 beds
- Maslak (42 Rooms, each room for 3 person) : 141 beds
- **TOTAL** : **201 beds**

PRICE

- To be determined soon, but minimal

EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 - Progress with Arrangements (Continued)



Invited Plenary Lectures

September 10, 9:45 – 10:30 AM

- Prof. Dr. Kemal NİŞANCIOĞLU (Department of Materials Science and Engineering, Norwegian University of Science and Technology, N-7491 Trondheim, Norway)
"Nanofilm Segregations in Localized Corrosion of Aluminium Alloys"

September 12, 9:00 - 9:45 AM

- Prof. Dr. Oya Algan (Institute of Marine Sciences and Management, Istanbul University, Istanbul, Turkey)
"ISTANBUL: How old is SHE"



Workshops and Courses

LIST OF WORKSHOPS AND COURSES

Workshops:

- Common Workshop: "Mechanisms of Environmentally Assisted Cracking"
- co-organized by WP 4, WP 5, WP 9, WP 13, WP 15, and WP 17
- Task Force: "CO₂-Corrosion in CCS-Applications"
- Workshop: Marine Corrosion in Renewable Energy
- Special Workshop: Corrosion in Aerospace
- Workshop on Tribocorrosion

Course:

- Graduate Course in Corrosion Science

ISO Meetings

EUROCORR 2012 - Progress with Arrangements (Continued)



Workshops and Courses

- Graduate Course in Corrosion Science
- 7 to 9 September 2012, Istanbul Technical University, Maslak Campus
 - The graduate course in Corrosion Science - managed by Prof. Christofer Leygraf from the Royal Institute of Technology (KTH), Sweden - is intended for graduate students or researchers working in academic or industrial environments with an interest in materials science and engineering.
- Aims and Scope
 - Corrosion is a truly interdisciplinary science and the aim is to discuss the underlying chemistry and physics of the most important forms of metal corrosion. Mechanistic as well as applied aspects will be dealt with.
- Students registering for the course can stay at ITU Student Residences (Maslak) for the duration of the Course and the Congress (7 days)



EUROCORR 2012 SOCIAL ACTIVITIES

Welcome Reception

At Sheraton Istanbul Maslak Hotel & Congress Center
Sunday, September 9, 2012



EUROCORR 2012 - Progress with Arrangements (Continued)

EUROCORR 2012 - Progress with Arrangements (Continued)



EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY

EUROCORR 2012 Sightseeing Tours & Accompanying Person Programs

Alternative tour packages will be organised for participants and accompanying person by Congress organiser




EUROCORR 2012 The European Corrosion Congress 9-13 September, Istanbul • TURKEY



HAGIA SOPHIA MUSEUM



TOPKAPI PALACE



BASILICA CISTERN



HAGIA EIRENE

EUROCORR 2012 - Progress with Arrangements (Continued)



Visa Information

- Turkey is a non EU Member. A valid Passport is required from the citizens of European Countries as well as from the citizens of other countries for admission.
- The Official Visa Procedure Of Republic Of Turkey will be announced through the web site. The Procedure is not hard for European Countries.
- If needed, official invitation letters will be prepared by Corrosion Association in Turkey.
- For official visa prosedure visitors could also fallow Ministry of Foreign Affairs/Visa web page:
<http://www.mfa.gov.tr/visa-information-for-foreigners.en.mfa>

EUROCORR 2013 - Report on Preliminary Arrangements



Venue – ESTORIL, PORTUGAL



EUROCORR 2013 - Report on Preliminary Arrangements (Continued)

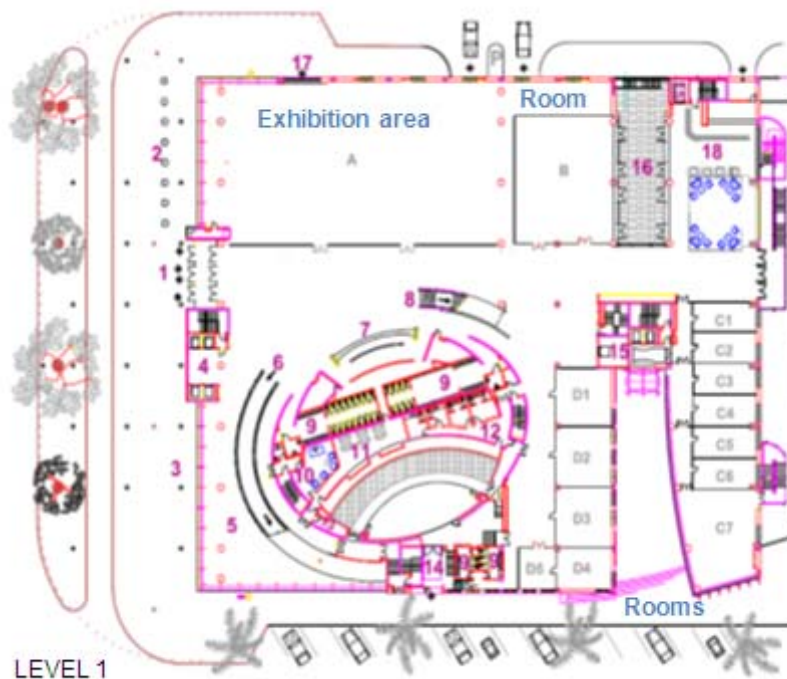


Venue

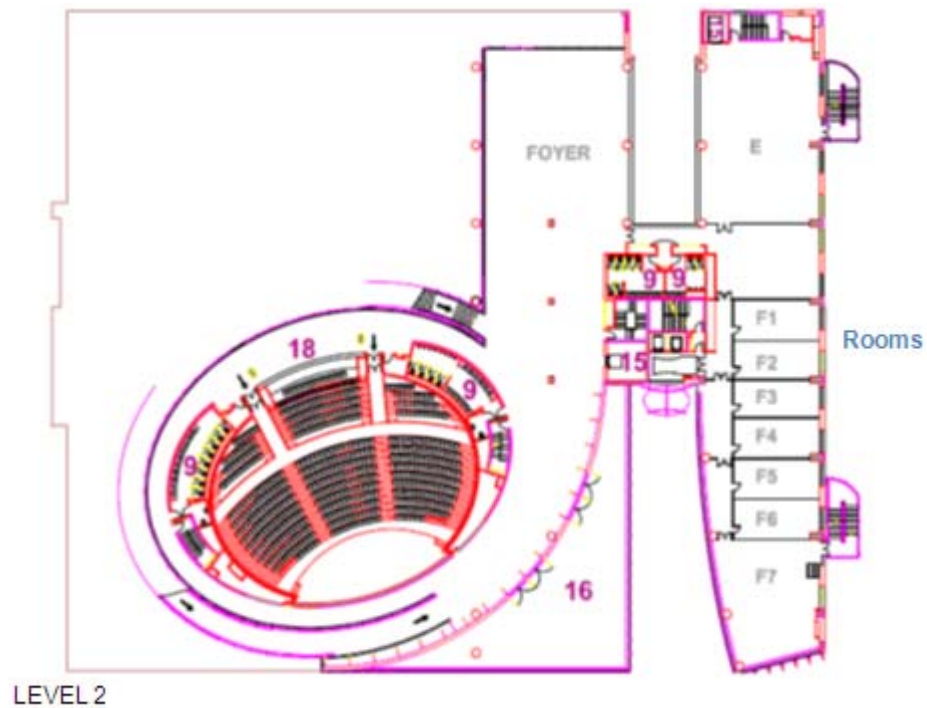
ESTORIL CONGRESS CENTRE

- 600 seats auditorium
- 20 break out rooms for 40-300 persons
- 6500 m² Exhibition area
- Terraces and bars
- Functional, polyvalent & modern

Certified as green Venue



EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



Floor	Room	Area	Occup.
1	Exhibition hall	2255	
1	A	800	615
1	B	280	180
1	C	407	250
1	C1+C2/C1+C2+C3 C1+C2+C3+C4/ C1+...+C5	80/120 160/200	40/70 100/130
1	C1+...+C6 / C3+...C7	240/280	160/170
1	C4+...+C7/C5+...+C7	240/200	140/110
1	C6+C7/C7	160/120	90/70
1	D	260	150
2	D1, D2, D3, D4, D5	64	35
2	E	216	160
2	F	407	250
2	F1	40	18
2	AUDITORIUM	--	600
2	HALL	1440	--



EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



Accommodation

- Above 50 Hotels nearby
- About 1500 rooms, from 5* to guest houses
- Room prices from 50 Euros (B&B)
- Average * * * = 100 € / * * * * = 130 €
(Pre-reserve = 700 rooms)

Walking distance (2-15 minutes)







Local Organizing Committee:

M.F. Montemor
J.C.S. Fernandes

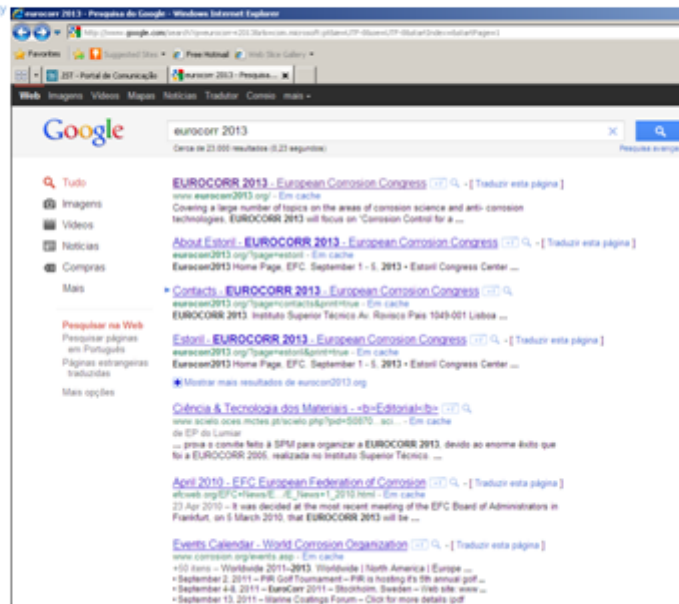
A.Bastos	M.G.S. Ferreira
J.M. Bordado	S. Lamaka
C. Brett	Z. Lourenço
M.J. Carmezim	A.S. Castela
T.M. Silva	A.M.P. Simões
M.T. Diamantino	R. A. Duarte
M. Zheludkevich	

EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



DISSEMINATION

• WEB PAGE





EUROCORR 2013
for a blue sky



September 1 - 5, 2013 • Estoril Congress Center • Estoril, Portugal

Conference Info

- Introduction
- About Estoril
- Committees
- Contacts
- Web Site Updates



Copyright Turismo Estoril

Introduction

EUROCORR is the most important event in Europe and a reference around the world on the subjects of corrosion and protection.

Covering a large number of topics on the areas of corrosion science and anti-corrosion technologies, EUROCORR 2013 will focus on "Corrosion Control for a Blue Sky" and will have a hot topic on "Innovative anti-corrosion strategies for materials in energy production systems".

Update your agenda:
1-5 September 2013

EUROCORR 2013 - Report on Preliminary Arrangements (Continued)




EUROCORR 2013
for a blue sky

EUROPEAN CORROSION CONGRESS
1-5 September - Estoril - Portugal

www.eurocorr2013.org



INVITATION FOR EUROCORR 2013

EUROCORR is the most important European event in the subjects of corrosion and protection and a reference around the world. Covering a large number of topics on the areas of corrosion science and anti-corrosion technologies, EUROCORR 2013 will focus on "Corrosion Control for a Blue Sky" and will have a hot topic on "Innovative anti-corrosion strategies for materials in energy production systems".

EUROCORR 2013 will include plenary and keynote lectures, oral presentations and poster exhibitions organized by the various IEC Working Parties. A large exhibition will also be organized in parallel with the Congress.

ESTORIL CONGRESS CENTER is located at the heart of the beautiful and glamorous seaside resort of Estoril, just a short driving distance from Lisbon Airport, and is one of the leading conference and events venues in Portugal.

ESTORIL has the right ingredients for an unforgettable leisure program (weather, landscapes, culture, gastronomy, shopping, sports, entertainment and night life), because the success of a congress also depends on what is available after the working sessions are over.

ESTORIL COAST, surrounded by nature and historic settings, like Sintra, offers a variety of products and services that explore the diversity and richness of its landscape and local attractions.

ESTORIL COAST also has vast and incredible attractions available close by. Only half an hour away by car or train, Lisbon is one of the oldest and most interesting European capitals, offering atmosphere, entertainment and culture.





CONTACTS

EUROCORR 2013
Instituto Superior Técnico
Av. Rovisco Pais
1049-003 Lisboa PORTUGAL

Ph: (+351) 218 437 234
Fax: (+351) 218 439 773
E-mail: secretaria@eurocorr2013.org

European Federation of Corrosion – Event n° 343

IMPORTANT DATES

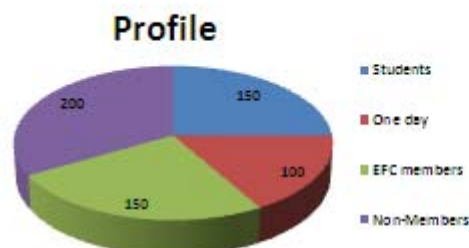
12 January 2013
Submission of abstracts

16 March 2013
Notification of acceptance to authors

15 June 2013
Submission of full manuscripts



Expected attendance



Other info:

National delegates > 90

Attendants from Industry ~150

Exhibitors 15-20

EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



Proposed Programme

Sunday, 1	Monday, 2	Tuesday, 3	Wednesday, 4	Thursday, 5
	Opening Ceremony Plenary Lecture 9:00-11:00	Plenary Lecture 9:00-10:00	Plenary Lecture 9:00-10:00	Parallel Sessions 9:00-10:00
	Parallel Sessions 11:00-12:30	Parallel Sessions 10:00-12:30	Parallel Sessions 10:00-12:30	Parallel Sessions 10:00-12:30
	Lunch 12:30-14:00	Lunch 12:30-14:00	Lunch 12:30-14:00	Lunch 12:30-14:00
Registration 16:00-19:00	Parallel Sessions 14:00-16:00	Parallel Sessions 14:00-16:00	Parallel Sessions 14:00-16:00	Parallel Sessions 14:00-17:00
	Poster Session & Coffee break	Poster Session & Coffee break	Poster Session & Coffee break	Closing Ceremony 17:00-17:30
	Parallel Sessions 17:00-18:30	Parallel Sessions 17:00-18:30	Parallel Sessions 17:00-18:30	
19:00 Welcome Reception		Poster & Exhibitors Cocktail	Congress Banquet	



Provisional Budget

REGISTRATIONS		
Profile	Number	Proposed fee
Students	150	300,00 €
One day	100	300,00 €
EFC members	150	680,00 €
Non-Members	200	780,00 €
TOTAL	600	333.000,00 €

COSTS	
Item	Cost
Congress centre	49.607,20 €
Audio/Video/computers	58.000,00 €
Catering/Dinner	71.000,00 €
CD/Proceedings	32.000,00 €
Dissemination Materials	42.500,00 €
Societies	48.645,20 €
Others	21.000,00 €
TOTAL	322.752,40 €

Stockholm < Fees ≤ Istanbul

EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



Social Events

Welcome Reception

Opportunity to check in and to meet your friends and contacts

Poster & Exhibitors Cocktail

Networking with posters' authors and exhibitors

Congress Banquet

Taste the Portuguese food



Sightseeing / Guided Tours

Estoril Coast & Sintra

Óbidos/Nazaré/Batalha/Alcobaça

Lisbon

Many other options!



EUROCORR 2013 - Report on Preliminary Arrangements (Continued)



ORGANIZATION

SPM – Sociedade Portuguesa
de Materiais



SCIENTIFIC SECRETARIAT

EUROCORR 2013
Instituto Superior Técnico
Av. Rovisco Pais
1049-001 Lisboa
PORTUGAL

Ph: (+351) 218 417 234 Fax: (+351) 218 419 771

WWW.EUROCORR2013.ORG

Contact: secretariat@eurocorr2013.org



PENDING QUESTIONS:

Composition of the scientific committee?

Who is supposed to get a complimentary registration?

Mailing Lists?

Statistics from previous EuroCorr congresses?

EUROCORR 2014 - Initial Progress Report



EUROCORR 2014

by



**ASSOCIAZIONE
ITALIANA DI
METALLURGIA**



 **Pisa**

Italy 2014

8-12 September



EUROCORR

by



**ASSOCIAZIONE
ITALIANA DI
METALLURGIA**



Pisa **Italy 2014**
8-12 September

Who are we?

AIM (Associazione Italiana di Metallurgia), founded in 1946, is a non-profit, non governmental cultural organization, devoted to the gathering and dissemination of scientific knowledge in the field of metals and structural materials.

Our Activities

- ✓ organization of national and international conferences, courses and technical visits, through its 16 Study Groups
 - ✓ monthly journal "La Metallurgia Italiana", which is a literature source reporting on recent investigations in material science;
- ✓ book publishing, covering a wide range of subjects, from physical metallurgy to production processes of metals and their applications, and also proceedings of major events
- ✓ we award medals, prizes and scholarships for recognition of outstanding achievements in materials science and technology.

EUROCORR 2014 - Initial Progress Report (Continued)



AIM Corrosion Study Group

The Corrosion Study Group is concerned with the study and education of problems related to the degradation of metallic materials in natural and industrial environments, and with the methods to prevent, control, monitor and protect them. Particular attention is focused on the servicing behavior of traditional and innovative metallic materials. The members of AIM Corrosion Study Group are renowned industrial and academic experts.



Conference Organiser - Past & Future

The experience gained by AIM in over 60 years of activity in organising international conferences is widely recognised and it has been proven by a long series of successful events, including:

- ✓ 11th International Corrosion Congress 1990 (around 550 attendees)
- ✓ Euromat 2001 (around 800 attendees)
- ✓ Eurocorr 2001 (around 280 attendees)
- ✓ 7th European Conference Electric Steelmaking 2002 (around 550 attendees)
- ✓ 6th European Conference Continuous Casting 2008 (around 600 attendees)
- ✓ Euromat 2011 (around 2000 attendees)

Following the prestigious tradition of the previous events of the series, for EUROCORR 2014, AIM intends to build on past success and reputation and to define the event as the premier forum for anyone connected with the world of corrosion.



EUROCORR 2014 - Initial Progress Report (Continued)



Cooperation with EUROCORR Congress Secretariat

The AIM Secretariat will assume full financial responsibility for the event, taking care of all the aspects of the Conference organization, such as announcements, contacts with the authors and committees, preparation of the programme, registrations, invoicing and all other aspects concerning the organization.

In order to provide a suitable continuity with the previous Eurocorr Conferences and to ensure a high level of organizing efficiency, AIM would like to entrust DECHEMA with the care of interacting with the Committees, with the Working parties and with the Authors for the collection of the papers and for the preparation of the CD-Rom proceedings. Furthermore, AIM habitually establishes fruitful cooperation with other related societies in order to promote the events in the widest and most efficient way possible.

Nonetheless, AIM is open to any kind of cooperation and agreement with Eurocorr Congress Secretariat in order to respect the tradition of Eurocorr Conferences and to optimize the organization and to guarantee a successful event.



General theme:

“Improving Materials Durability: from Cultural Heritage to Industrial Applications”



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

Local Organising Committee

Chairmen: Stefano Trasatti (Univ. degli Studi di Milano) - Romeo Fratesi (Univ. Politecnica delle Marche)

Secretary and Treasurer: Federica Bassani, Associazione Italiana di Metallurgia

Sponsor and Exhibition Manager: Simona Rischitelli, Honegger

Organisation: AIM / Dechema

International Scientific Committee

Chairmen: Lorenzo Fedrizzi (Univ. degli Studi di Udine) Luciano Lazzari (Politecnico di Milano) -

Co- Chairman: EFC-President, STAC - Chairman

Scientific Committee: EFC-STAC, EFC-WP chairmen, and other session/workshop organisers



Pisa Italy **2014**
8-12 September

Local organizing committee

Chairmen and secretary will be supported by members of the AIM Corrosion Study group, among which there are representative of major Italian Universities and Industrial parties involved in Corrosion Research

L. Fedrizzi - Università di Udine
S.P. Trasatti - Università degli Studi di Milano
R. Fratesi - Università Politecnica delle Marche
E. Angelini - Politecnico di Torino
F. Bellucci - Università Federico II di Napoli
F. Bolzoni - Politecnico di Milano
M. Cabrini - Università di Bergamo, Dalmine
P. Cristiani - RSE - Ricerca sul Sistema Elettrico, Milano
F. Deflorian - Università di Trento
G. Gabetta - ENI div. E&P
L. Lazzari - Politecnico di Milano
G. Montesperelli - Università di Roma Tor Vergata
C. Monticelli - Università di Ferrara
T. Pastore - Università di Bergamo, Dalmine
E. Proverbio - Università di Messina
S. Volontè - Tecnimont, Milano



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy 2014
8-12 September

Pisa



Pisa is a very attractive medieval Tuscan city well known all over the world for its unique architectural masterpiece: the 14th century Leaning Tower of Pisa. Its prestigious institutes of higher learning including the famous Scuola Normale Superiore, have produced famous scientists such as Galileo Galilei, Antonio Pacinotti and the nobel prize winners Carlo Rubbia and Enrico Fermi



Pisa Italy 2014
8-12 September

Pisa

The city is ideal to host an international event such as EUROCORR as it is a principal destination in Italy for international tourists and is therefore abundant in high quality accommodation at reasonable prices, fantastic food, several artistic and architectural treasures and beautiful surroundings.

It is also easily accessible to the city of Florence which is 102 km away.

Pisa can be reached easily by all Europe, thanks to the international airport "Galileo Galilei", that is served also by many low-cost companies (scheduled flights to/from over 74 destinations, including direct flights to New York and Moscow)



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

Getting to Pisa

Pisa is easily accessible by car along the motorway links and by the expressway. It can be reached by sea due to its proximity to the port of Livorno.

By air

Direct flights connect Galileo Galilei International Airport to various Italian cities and numerous international, European and other destinations.

Many low cost airlines operate to and from Pisa airport.

The airport is approximately 1 kilometre from the historical centre of the city of Pisa.

A number of car hire companies service Pisa airport.

The city centre can be reached in just a few minutes by trains that connect the railway terminal of the airport with Pisa Centrale station.

Furthermore, an urban line (LAM Rossa) bus connects the airport to the Central Station and the centre of Pisa every 10 minutes. The urban bus terminus is located at the arrival side of the airport exit.

The taxi rank is also found at the airport exit - on the arrivals side.

By train

Pisa Centrale station is one of the principal regional and national railway junctions. Frequent trains run to Florence, Rome, Genoa and Lucca.

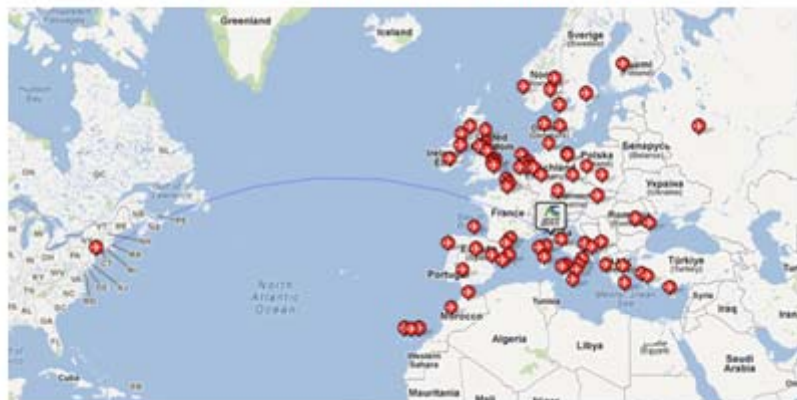
The station is at the southern edge of the city's historical centre, around one and a half kilometres from the airport and two hundred metres from the extra-urban bus terminal at Piazza Sant'Antonio. The taxi rank and the bus stop for urban routes direct to Piazza dei Miracoli, the airport and Cisanello hospital centre can be found outside the railway terminal. The station also provides a luggage storage service.



Pisa Italy **2014**
8-12 September

Getting to Pisa

17 airlines serve flights for more than 70 destinations



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Congress Centre

The Palazzo dei Congressi of Pisa is a distinctive, semicircular-shaped building surrounded by trees and gardens. Its construction consists of three floors with 21 rooms holding from 10 up to 1000 seats. It is a frequent venue for all kinds of events such as congresses, conventions, trade shows and exhibitions.

It is conveniently located in the historical city center:

- 5 minutes walking distance from Train Station
- 5 minutes by car from the International Airport
- 30 minutes walking distance from the Leaning Tower and its "Miracles Place".



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

EUROCORR 2014 - The European Corrosion Congress

Pisa, September 8-12, 2014 (option: 7-11)

Program overview

Monday September 8

Exhibition set-up Board meeting (full day)
Registration from 2pm to 6pm

Tuesday September 9

Morning Opening + Ceremony
Afternoon Up to 8 parallel sessions
Evening Welcome cocktail*

Wednesday September 10

Whole day Up to 8 parallel sessions
Evening Conference dinner

Thursday September 11

Whole day Up to 8 parallel sessions
Concert*

Friday September 12

Morning Up to 8 parallel sessions
Afternoon Exhibition dismantling

Highlights:

Expected number of participants: 600/ 800

Currently up to 8 parallel sessions

Three social event included in the registration fee

Three lunches and 7 coffee breaks

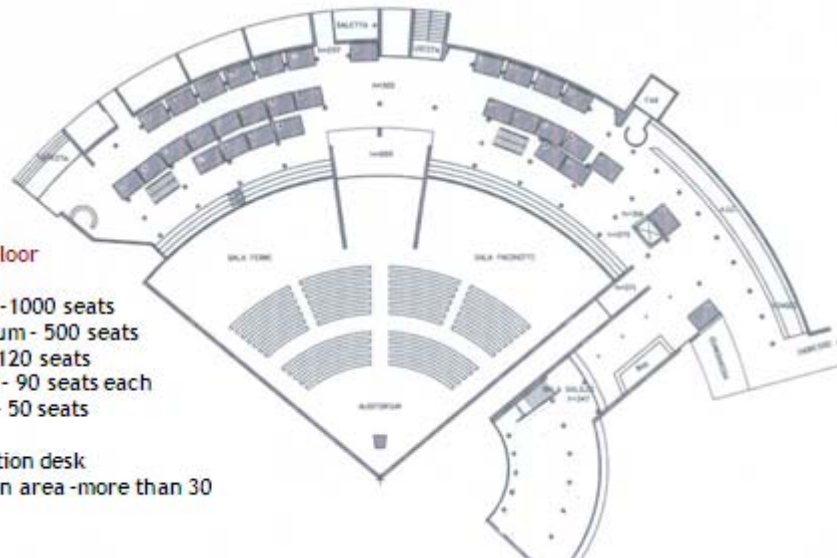


Pisa Italy **2014**
8-12 September

Ground floor

Plenaria - 1000 seats
Auditorium - 500 seats
Galilei - 120 seats
3 Rooms - 90 seats each
Room B - 50 seats

Registration desk
Exhibition area - more than 30 booths



EUROCORR 2014 - Initial Progress Report (Continued)



Plenary room - Auditorium, Fermi & Pacinotti

The room has been designed as a multipurpose room. The modular construction can sit up to 1000 people and can be divided into three perfectly independent sections: Auditorium (500 seats), Pacinotti (250 seats) and Fermi (250 seats); Fermi and Pacinotti rooms are located along the first-floor gallery. The area is semicircular in shape and its highlight is the 10-seat chairman's table. The room, which is equipped with soundproofed removable walls and a sophisticated amplification system, has perfect acoustics.



Plenary room: 1000 seats



Auditorium: 500 seats



Fermi & Pacinotti: 250 seats

EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

3 rooms of 90 seats + 5 rooms of 25 seats

The three rooms of 90 seats each and the five rooms of 25 seats each are an appendage to Palazzo dei Congressi. They are directly connected to Palazzo dei Congressi on the ground floor.



Pisa Italy **2014**
8-12 September

Galilei room & Master room

Galilei room (120 seats) is on the ground floor, next to the café.

Master room, located on the second floor, have 2 projectors and screens.



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

Galleries - Ground floor & First floor

The entrance of Palazzo dei Congressi directly leads into the large ground-floor gallery which, with its 1000 square metres, is particularly suitable for exhibitions or as a reception area. The area beyond the reception and the bar can accommodate up to 35 exhibition booths.

The FIRST-FLOOR GALLERY, covering 500 square meters, is entirely surrounded by a glazed wall, so the corridor is extremely well-lit and suitable for exhibitions, posters and all sorts of displays.

A 16 meter long reception desk is placed just at the entrance to the building.



Pisa Italy **2014**
8-12 September

Social events

Just near Palazzo dei Congressi, a beautiful river side promenade is available, that could help participants to restore from scientific work.

But among a panel of beautiful possible location, Organizing Committee propose the following social events, all at reasonable distance from the Conference venue



EUROCORR 2014 - Initial Progress Report (Continued)



Social events

Welcome cocktail - evening of Tuesday September 9*

A welcome cocktail will be organised on the first evening of the Conference at Centro Espositivo SMS, just few minutes walking from Palazzo dei Congressi, and it will create an opportunity to meet informally with fellow professionals



Social events

Conference dinner - evening of Wednesday September 10

The Conference dinner will be held at Certosa di Calci, a beautiful historical monastery of the Religious Order of "Certosini", located 14km east of Pisa and founded in 1366. The extensive complex of buildings is an architectural masterpiece and one of the most important monasteries of this religious order featuring two cloisters (15th and 16th centuries) and the church (17th century) in pure Baroque style.



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

Social events

Concert - evening of Thursday September 10*

A classic music concert in the Cathedral or in another historical or evocative building will transform the emotional experience of individuals into a more profound collective opportunity. Further details of the concert will be available later.



Pisa Italy **2014**
8-12 September

Social events

Poster session - Poster evening

Depending on the number of oral / poster presentation, an alternative solution for social event would comprise:

- Concert on Tuesday September 9th, as welcome event.
- Poster evening at SMS centre 11th. Posters will be provided in two copies: one small sized, displayed during all conference period at Palazzo dei Congressi, and a full scale one will be displayed in the premises on SMS centre, during the 'Poster evening, with refreshments and finger food.



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

BUDGET & REGISTRATION FEES

Approximate expenditures

(Expenditures are calculated with 2000 prices based on an estimate of 600 participants)

Conference rooms and exhibition area:	60.000 €
Technical equipments:	20.000 €
Technical assistance:	20.000 €
Secretariat and hostess service:	25.000 €
Coffee breaks:	40.000 €
Lunches:	70.000 €
Welcome reception:	20.000 €
Announcements and Programme (printing and shipment):	35.000 €
Conference bags & Proceedings:	25.000 €
Exhibition costs:	20.000 €
Other possible costs (bus transfers, ...):	10.000 €
EFC levy:	18.000 €
DECHEMA:	14.000 €
TOTAL:	377.000 €

Approximate income

(Income is calculated based on an estimate of 600 people and 20 exhibitors)

Registration fees income:	350.000 €
Incomes from exhibition:	25.000 €
TOTAL:	375.000 €

Early registration fees

EFC/NACE members	700 €
Non-EFC members	800 €
Students	250 €
One-day	300 €

Late registration fees

EFC/NACE members	750 €
Non-EFC members	850 €
Students	310 €
One-day	350 €

The registration fees will include admission to the lecture and poster programme, the exhibition, the list of participants, the CD-ROM proceedings as well as the welcome reception, the 7 coffee breaks, the 3 lunches and the Conference dinner.



Pisa Italy **2014**
8-12 September

Accommodation

Palazzo dei Congressi, within a 3 kms' area, can rely on more than 1000 rooms of the surrounding 4* and 5* hotels. All hotels are centrally located and within walking distance from the railway station, museums, monuments, restaurants and shops.

Total number of rooms:

5 stars:	150 rooms
4 stars:	850 rooms
3 stars:	490 rooms
2 stars:	155 rooms
1 star:	50 rooms

There is also the possibility of many rooms with even lower budget (b&b, youth hostels and students houses i.e. walkingtreethostel.com).

Approximate costs:

4 stars - double room single use:	120 € / double room: 150 €
3 stars - double room single use:	90 € / double room: 110 €

These rates include VAT 10% and Breakfast. They may undergo an increase based on inflation rate in 2014

To simplify and guarantee an efficient system of hotel booking, it will be managed directly by the Palazzo dei Congressi. Their experience is very wide and consolidated, since they handle normally congresses and events of with over 1000 people.

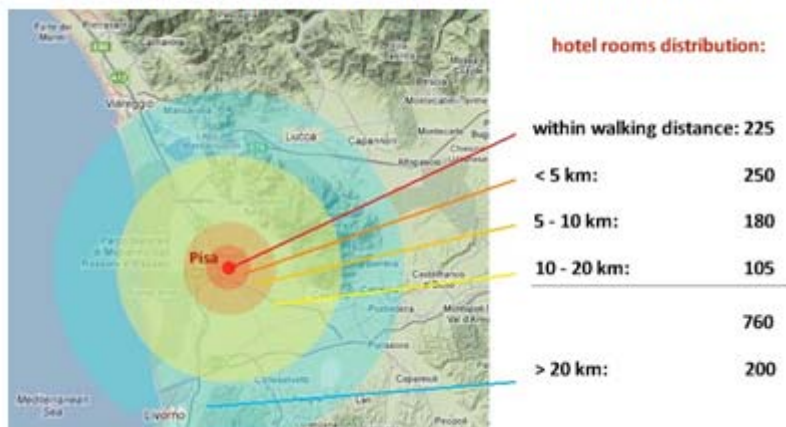
EUROCORR 2014 - Initial Progress Report (Continued)



Confirmed allotments

A wide number of room has already been reserved for EUROCORR 2014.

Hotels at greater distance are located in coast towns, on the sea.



Tours for accompanying persons

Two different kind of tours will be proposed to accompanying persons. Classical tours to the most important and famous cities near Pisa are proposed:

-Florence: a full day in one of the most important cities in the world. Sightseeing with a guide and free time for discovering the artistic treasures of Florence

-Lucca: half a day in another fascinating small Tuscany city.

Alternative tours will be proposed to whose already visited the cities:

-Marble origins: a half a day tour in Carrara Marble quarry.

-Vinery tour: a half day tour, with the possibility of admire Tuscany's historical and famous natural landscape of cypress trees and vineyards, and to taste wine where it is produced.

EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy **2014**
8-12 September

Florence

From its physical beauty to its unique spirit, Florence offers something magical to each and every visitor. Whether exploring the city's narrow alleyways and backstreets, visiting famed museums such as the Uffizi Gallery or the Accademia, or enjoying the diverse and traditional Florentine cuisine—every minute of your Florentine experience is sure to be wonderful.



Pisa Italy **2014**
8-12 September

Lucca

From its fine Romanesque churches to medieval storefronts, Lucca represents an almost timeless portrait of an ancient fortress town. Traces of Roman origins are still visible today, such as the Piazza del Anfiteatro Romano, where building construction in the Middle Ages closely followed the oval shape of the former Roman Amphitheater. Lucca's perfectly intact, four-kilometer-long city walls once provided the city with much-needed defense against enemies; today they make for lovely explorations on foot or bicycle, and provide an excellent site for picnics. The tree-lined promenade offers some of the best views of the city.



EUROCORR 2014 - Initial Progress Report (Continued)



Pisa Italy 2014
8-12 September

Carrara Marble Quarry - Winery



Pisa Italy 2014
8-12 September

Considerations

As highlighted in the expected program overview, bid was proposed on the assumptions of : 600/800 persons, up to 8 parallel sessions.

Pisa is hosting events with over 1000 participants: accommodations should not be a problem

Possible additional contiguous spaces could be available. AIM is evaluating them directly with the owner, University of Pisa.



EUROCORR 2014 - Initial Progress Report (Continued)

EUROCORR 2015 - Bid from Austria (ASMET)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)**About ASMET:**

- ▶ Austrian Society for Metallurgy & Materials
- ▶ Organisation of 20 conferences in last years
 - 4th European Oxygen Steelmaking Conference 2003 (450 Participants)
 - 15th International Federation for Heat Treatment and Surface Engineering 2006 (350 Participants)
 - IFHTSE 2011 (350 Participants)
 - Annual ASMET Forum (300-500 Participants)
 - plus more smaller conferences
- ▶ Future
 - European Electric Steelmaking Conference 2012 (500 Participants)
 - European Continuous Casting Conference 2014 (500 Participants expected)
 - 7th European Rolling Conference 2016 (500 Participants exp.)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

The Venue: Stadthalle Graz

- ▶ located within easy reach of the city centre
- ▶ hotels in direct proximity
- ▶ tram stop in front of the entrance
- ▶ taxi rank directly in front of the entrance
- ▶ motorway: only 1,5 km from East Exit (A2 motorway)
- ▶ only 10 km from Graz Airport
- ▶ ample parking facilities
- ▶ direct drive-in access for easy delivery and collection of exhibition equipment
- ▶ essential congress equipment and furnishings



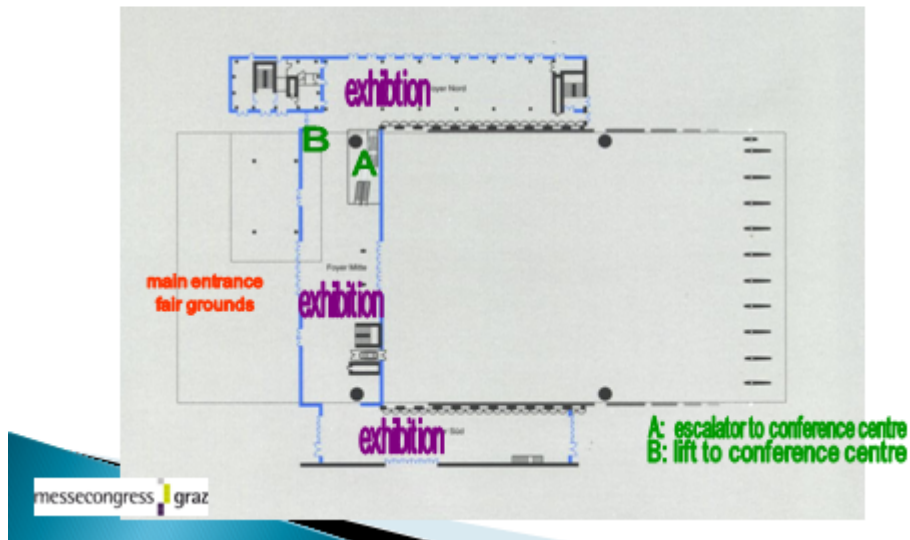
Congress with exhibition

- ▶ Stadthalle Graz is an ideal congress venue:
 - main access for exhibitors
 - registration
 - participants walk through exhibition before entering conference rooms
 - catering served in exhibition area



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

GROUND FOOR Stadthalle Graz



Ground Floor

- ▶ Central Foyer 1150 m² registration
exhibition
- ▶ Foyer North 1080 m² exhibition
catering/restaurant/café
- ▶ Foyer South 900 m² exhibition



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

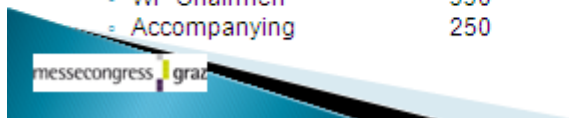
Expected No of Participants & Fees

► 700 – 900 (Calculation is based on 600 pre-paying)

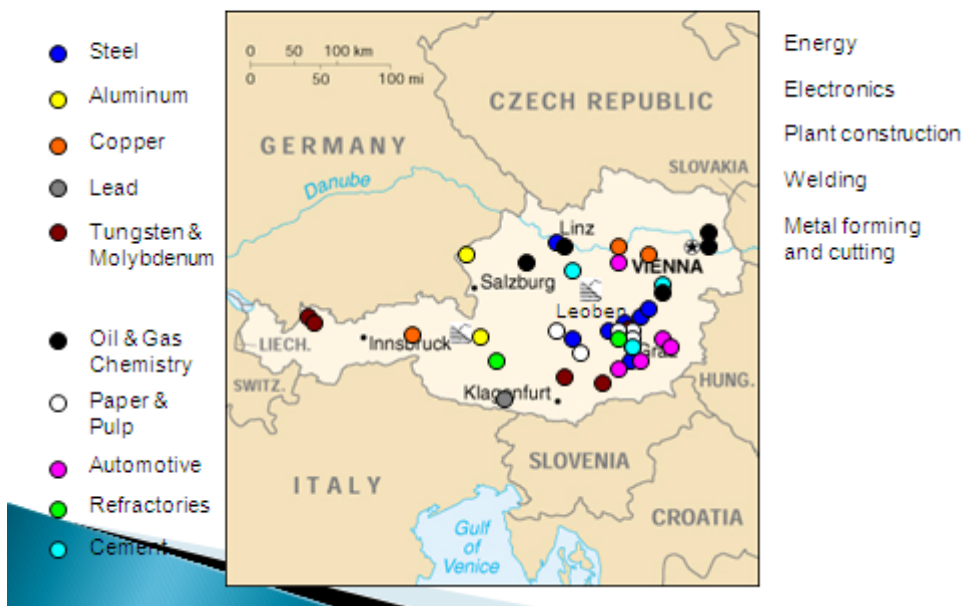
- 40% Industry
- 40% Academy
- 10% Students
- 7% Committee
- 3% Complimentary

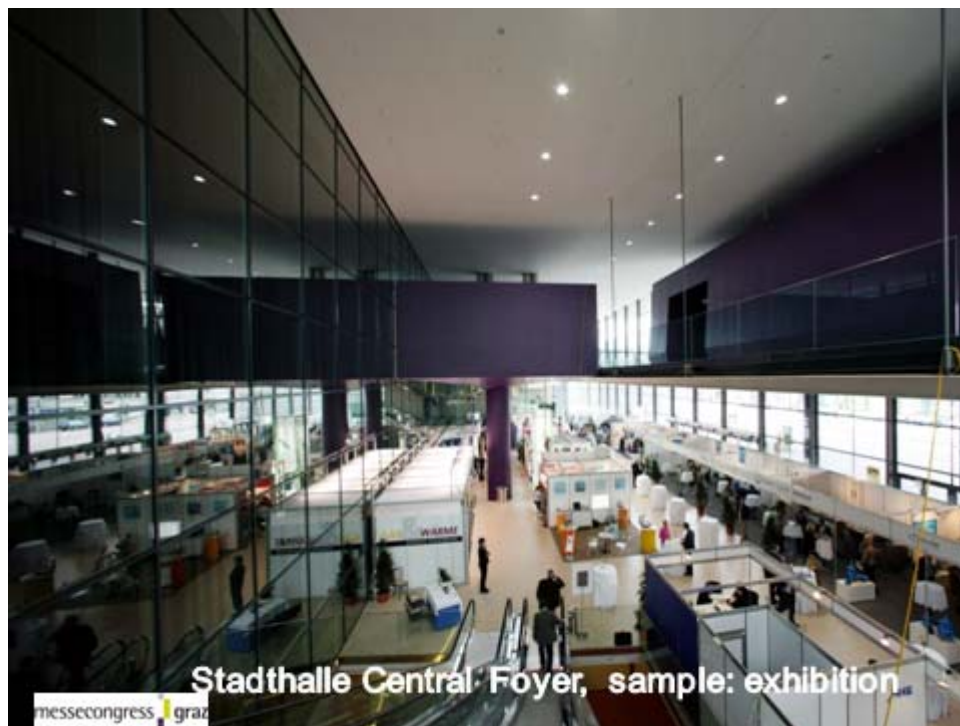
► Registration fee

	early bird	late registration
◦ Member EFC	760	820
◦ Nonmember	860	920
◦ Students	280	330
◦ WP Chairmen	330	380
◦ Accompanying	250	

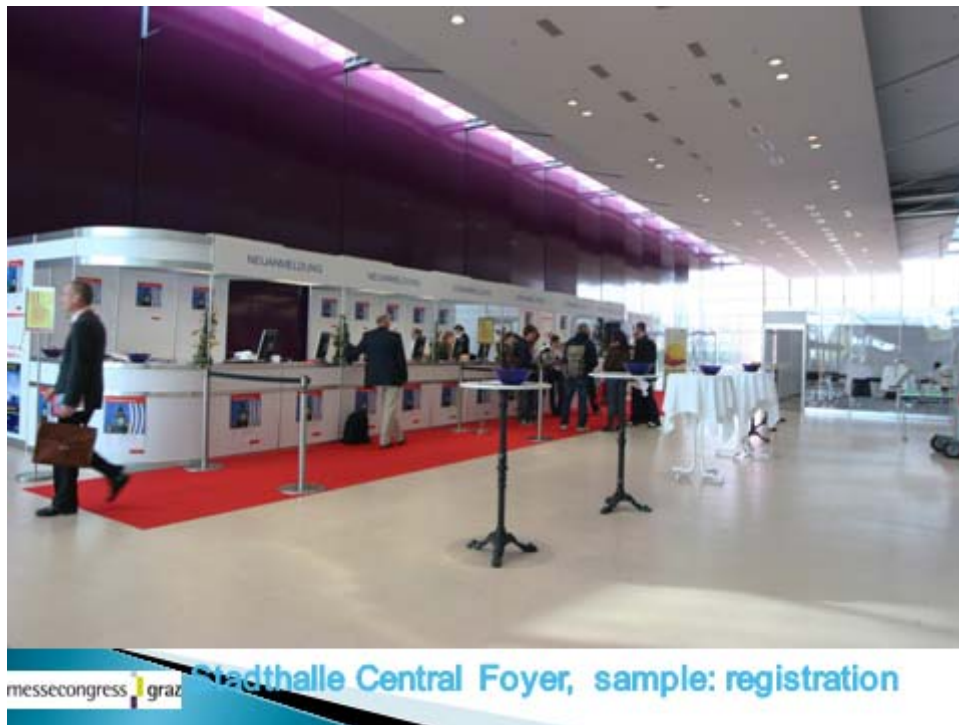


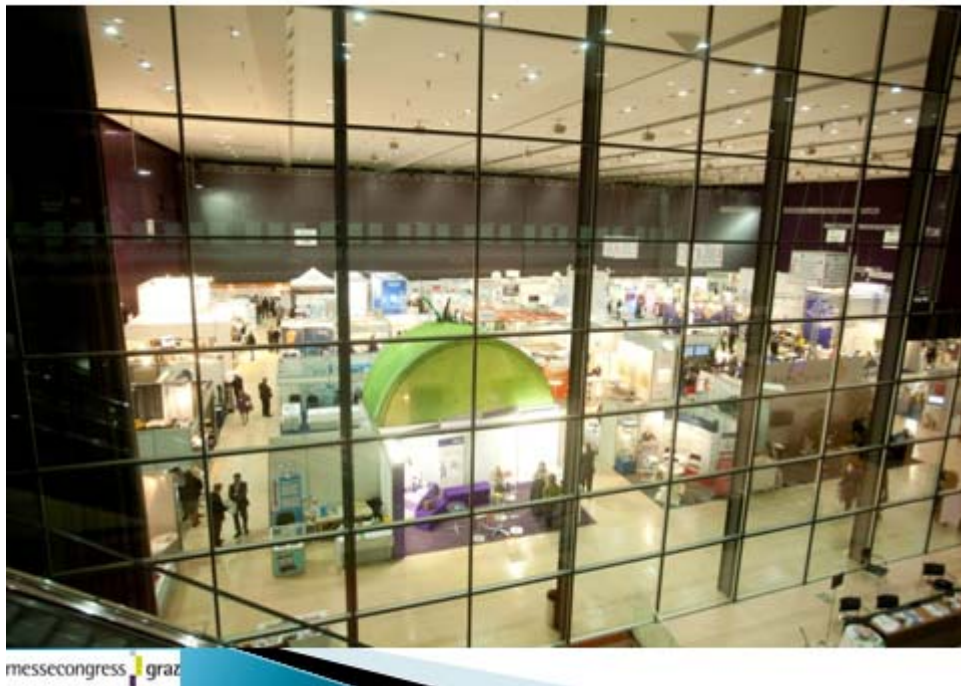
Industry in Austria



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)**messecongress**

- ▶ stages
- ▶ WiFi, LAN access points
- ▶ conference equipment (lighting, sound system, projectors, poster walls, flip charts, lecterns, mobile translation equipment)
- ▶ seating styles by arrangement
- ▶ technicians



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)



messecongress

Please note that the actual number of seats depends on the size of the stage. Consequently, the seat numbers listed below may not always be available.

Hall 1

Total area: 630 m²

Concert seating (rows of seats)

600 persons

Seminar seating (tables and chairs)

300 persons

Banquet seating (round tables, 8 – 10 persons each)

300 persons

can be partitioned

Hall 2

Total area: 250 m²

Concert seating (rows of seats)

240 persons

Seminar seating (tables and chairs)

120 persons

Banquet seating (round tables, 8 – 10 persons each)

150 persons

can be joined to foyer with mobile partition



EUROCORR 2015 -Bid from Austria (ASMET) (Continued)**Hall 3****Total area: 110 m²**

Concert seating (rows of seats)

80 persons

Seminar seating (tables and chairs)

50 persons

Banquet seating (round tables, 8-10 persons each)

70 persons

Hall 4**Total area: 110 m²**

Concert seating (rows of seats)

80 persons

Seminar seating (tables and chairs)

50 persons

Banquet seating (round tables, 8-10 persons each)

70 persons

Hall 5**Total area: 110 m²**

Concert seating (rows of seats)

80 persons

Seminar seating (tables and chairs)

50 persons

Banquet seating (round tables, 8-10 persons each)

70 persons

**Hall 6****Total area: 55 m²**

Concert seating (rows of seats)

30 persons

Seminar seating (tables and chairs)

20 persons

Hall 7**Total area: 55 m²**

Concert seating (rows of seats)

30 persons

Seminar seating (tables and chairs)

20 persons

Hall 8**Total area: 60 m²**

Concert seating (rows of seats)

20 persons

or video conference room

Hall 9**Total area: 60 m²**

Concert seating (rows of seats)

30 persons

Seminar seating (tables and chairs)

20 persons



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Hall 10Total area: 233 m²

Concert seating (rows of seats)	216 persons
Seminar seating (tables and chairs)	108 persons
Banquet seating (round tables, 8 – 10 persons each)	120 persons

Hall 11a+b: total area: 249 m²

Concert seating (rows of seats)	198 persons
Seminar seating (tables and chairs)	112 persons
Banquet seating (round tables, 8 – 10 persons each)	120 persons

may be partitioned into:

a: total area 130 m²

Concert seating (rows of seats)	88 persons
Seminar seating (tables and chairs)	48 persons
Banquet seating (round tables, 8 – 10 persons each)	60 persons

b: total area 118 m²

Concert seating (rows of seats)	88 persons
Seminar seating (tables and chairs)	48 persons
Banquet seating (round tables, 8 – 10 persons each)	40 persons

**Hall 12**Total area: 311 m²

Concert seating (rows of seats)	286 persons
Seminar seating (tables and chairs)	144 persons
Banquet seating (round tables, 8 – 10 persons each)	160 persons

may be partitioned into:

a: total area 158 m²

Concert seating (rows of seats)	132 persons
Seminar seating (tables and chairs)	64 persons
Banquet seating (round tables, 8 – 10 persons each)	60 persons

b: total area 153 m²

Concert seating (rows of seats)	132 persons
Seminar seating (tables and chairs)	64 persons
Banquet seating (round tables, 8 – 10 persons each)	60 persons



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Gallery

a+b+c: total area: 543 m²

Concert seating (rows of seats)

594 persons

Seminar seating (tables and chairs)

264 persons

Banquet seating (round tables, 8-10 persons each)

270 persons

may be partitioned into:

a: total area: 149 m²

Concert seating (rows of seats)

120 persons

Seminar seating (tables and chairs)

60 persons

Banquet seating (round tables, 8-10 persons each)

60 persons

b: total area: 235 m²

Concert seating (rows of seats)

176 persons

Seminar seating (tables and chairs)

96 persons

Banquet seating (round tables, 8-10 persons each)

120 persons

c: total area: 160 m²

Concert seating (rows of seats)

136 persons

Seminar seating (tables and chairs)

60 persons

Banquet seating (round tables, 8-10 persons each)

90 persons



different hall sizes

messecongress graz **Stadthalle first floor, messecongress**

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)*Congress caffè*

Summary of expected Program

- ▶ *Sunday, 6th of September*
- ▶ Registration 12am – 6pm
- ▶ Build up of exhibition
- ▶ Welcome address with traditional sausages, „brezln“, wine, beer
- ▶ Come together



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Summary of expected Program

- ▶ **Monday, 7th of September**
- ▶ Whole day oral presentations
- ▶ 2 coffee breaks with small sandwiches and cakes
- ▶ Seated Lunch
- ▶ Poster party with finger food & drinks in the park of the conference venue
- ▶ Accompanying program



Summary of expected Program

- ▶ **Tuesday, 8th of September**
- ▶ Whole day oral presentations
- ▶ 2 coffee breaks with small sandwiches and cakes
- ▶ Seated Lunch
- ▶ Accompanying program
- ▶ Conference Dinner at „Stefaniensaal“ with a great show



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Summary of expected Program

- ▶ **Wednesday, 9th of September**
- Whole day oral presentations
- 2 coffee breaks with small sandwiches and cakes
- Seated Lunch
- Create yourself a wonderful evening in Graz



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Summary of expected Program

- *Thursday, 10th of September*
 - Oral presentations till 12am
 - 1 coffee break with small sandwiches and cakes
 - End of Conference



Summary of expected Scientific Program

- *Scientific topics:*
 - According to working parties of EFC
 - Meetings for WP
 - Plenary lectures
- *Additional focusses:*
 - Corrosion of refractory metals
 - Corrosion in automotive industry



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Accompanying Program

Excursion to Riegersburg:

- Fortress of the Christian world
- Alois Gölles schnaps distillery & vinegar production
- Handmade chocolates from Zotter

‣ Excursion to the Lippizzaner stud Piber

‣ Armoury Graz:

- Most outstanding historical weapon collection in the world
- 32000 historical arms and military equipment in a 17th century original building

How to get there?

‣ By train

- Train station – City Center
- 4km/8min

‣ By plane

- Airport – City Center
- 13km/15min

EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

Hotel Description

6.000 beds, comfortable and clean

- ▶ *11 4**** Hotels with 914 rooms*
- ▶ *3 3*** Hotels with 410 rooms*
- ▶ *6 2** Hotels & Hostels with 500 rooms*

- ▶ *Bigger part is within walking distance*



Aspects in favour of Graz

- ▶ *Austrian hospitality*
- ▶ *All points of interest and hotels in walking distance or within a few minutes with tram*
- ▶ *Very clean and secure*
- ▶ *Eurocorr has never been before in Austria*
- ▶ *All meals apart from the conference dinner are included*



EUROCORR 2015 - Bid from Austria (ASMET) (Continued)

**EUROPEAN FEDERATION OF CORROSION
FÉDÉRATION EUROPÉENNE DE LA CORROSION
EUROPÄISCHE FÖDERATION KORROSION**

Draft APPLICATION FOR LISTING OF A COURSE IN THE EFC COURSE CALENDAR

I wish to apply for inclusion of the following as an EFC endorsed course in the EFC Course Calendar (*please tick as appropriate*):

- ☐ A course organised by an EFC Working Party (WP)
- ☐ A course organised by an EFC Member Society
- ☐ A course organised by an Affiliate Member or Corresponding Society of the EFC
- ☐ A course organised with the agreement of an EFC Member Society in the same country

COURSE TITLE:

DATE:

LOCATION:

LANGUAGE:

COURSE CONTENT / MAIN TOPICS:

TARGET GROUP (STUDENTS, SCIENTISTS, TECHNICIANS, ENGINEERS, ECONOMISTS, ETC.):

**Draft APPLICATION FOR LISTING OF A COURSE IN THE EFC COURSE CALENDAR
(Continued)**

REGISTRATION DEADLINE:

REGISTRATION DETAILS (INCLUDING WEBSITE ADDRESS):

NAME OF ORGANISING BODY:

CONTACT NAME, ADDRESS, TELEPHONE NUMBER, AND E-MAIL ADDRESS FOR FURTHER
INFORMATION:

PLEASE SEND THE COMPLETE FORM TO:

Juliet Ippolito
Scientific Secretary/Public Relations Officer
European Federation of Corrosion
juliet@unina.it