

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



BOARD OF ADMINISTRATORS

Stockholm, Sweden

March 25, 2011

MINUTES

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MINUTES

Meeting of the Board of Administrators

of the

European Federation of Corrosion

Stockholm, Sweden, March 25, 2011

Venue of meeting:

**Piperska Muren
Sheelegatan 14
112 28 STOCKHOLM
Sweden**

Date and time of meeting:

Friday, March 25, 2011 - 09h00

Chairman:

Pr. Philippe Marcus (EFC President)

Secretary:

Mrs. Pascale Bridou Buffet (Paris Office)

Attendance List, Page 1

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EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS
Stockholm, 25th March 2011

ATTENDANCE LIST

Signatures

As President of EFC:

Prof. Ph. MARCUS (France)



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



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

Excused

Dr. R. GUBNER (Vice-President, Australia)

Excused

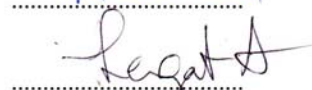
Mr. D. HARROP (United Kingdom)

Excused

Prof. Dr. B. ISECKE (Germany)



Prof. Dr. A. LEGAT (Slovenia)



Mr. S. McFARLAND (The Netherlands)



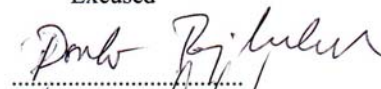
Prof. Dipl.-Ing. Dr.mont. G. MORI (Austria)

Excused

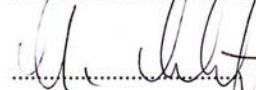
M. A. POURBAIX (Belgium)

Excused

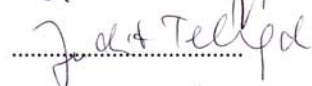
Dr. Sc. D. RAJHENBAH (Croatia)



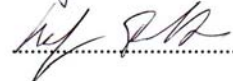
Prof. Dr. Ing. M. SCHÜTZE (Germany)



Dr. J. TELEGDI (Hungary)



Dr. S. TRASATTI (Italy)



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Attendance List, Page 2

P.B. - 23/03/2011

EUROPEAN FEDERATION OF CORROSION MEETING OF THE BOARD OF ADMINISTRATORS Stockholm, 25th March 2011

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



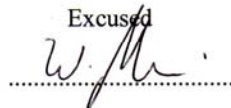
GENERAL SECRETARIATS:

Frankfurt Office (Germany):

Mrs. I. HONNDORF

Dr. W. MEIER

Excused


London Office (United Kingdom):

Dr. B. A. RICKINSON

.....

Paris Office (France):

Mrs. P. BRIDOU BUFFET

Mr. M. ROCHE



GUEST(S):

Dr. I. ANNERGREN (Sweden)

Dr. F. BASSANI, EUROCORR 2014 (Italy)

Mr. R. BENDER, EFC WebSite (Germany)

Mr. J. FERNANDES, EUROCORR 2013 (Portugal)

Dr. G. HOCHOERTLER, Bid EUROCORR 2014 (Austria).....

M. M. JÖNSSON, EUROCORR 2011 (Sweden)

Mrs F. MONTEMOR, EUROCORR 2013 (Portugal)



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EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS, STOCKHOLM, 25th MARCH 2011, 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 Presentation of the New Scientific Secretary/Public Relation Officer
 - 2-1 Report on the appointment of the New Scientific Secretary/Public Relation Officer
 - 2-2 Presentation of Mrs. Juliet Ippolito
- Item 3 Administrative Matters
 - 3-1 Vice-Presidency of EFC
 - 3-2 Status of Applications for EFC Membership
- Item 4 Liaisons with other Organisations
 - 4-1 EFC/NACE Collaboration
 - 4-2 World Corrosion Organisation
 - 4-3 ICC
- Item 5 EFC Activities and Projects
 - 5-1 Scientific Secretary's Report
 - 5-2 EFC Publications
 - 5-2.1 EFC Series
 - 5-2.2 EFC Electronic Newsletter
 - 5-2.3 Progress with items for Publication in 'Materials and Corrosion'
 - 5-3 EFC Web Site
- Item 6 Finance
 - 6-1 Honorary Treasurer's Report
- Item 7 EUROCORR Series: 2010 to 2014
 - 7-1 EUROCORR 2010, Moscow (Russia) - Final Report
 - 7-2 EUROCORR 2011, Stockholm (Sweden) - Progress with Arrangements
 - 7-3 EUROCORR 2012, Istanbul (Turkey) - Report on Preliminary Arrangements
 - 7-4 EUROCORR 2013, Estoril (Portugal) - Initial Progress Report
 - 7-5 EUROCORR 2014, Bid(s) Presentation(s) and Selection of the Host.
- Item 8 EFC Accreditation of Short Courses
- Item 9 EFC Calendar of Events
- Item 10 Any other Business
 - 10-1 Working Party Funding for Round Robin Test
 - 10-2 European Corrosion Medal for 2011
 - 10-3 Honorary Membership of the EFC
- Item 11 Date and Place of next BoA

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. Dr. M. G. S. FERREIRA (Portugal);
 Dr. R. GUBNER (Vice-President, Australia);
 Mr. D. HARROP (United Kingdom);
 Mrs. I. HONNDORF (EFC Frankfurt Office, Germany);
 Prof. Dipl.-Ing. Dr. mont. G. MORI (Austria);
 Ir. A. POURBAIX (Belgium).

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 Moscow (13 September 2010) were approved.

Item 2 Presentation of the New Scientific Secretary/Public Relation Officer

2-1 Report on the Appointment of the New Scientific Secretary/Public Relation Officer.

EFC President reported on the appointment of Mrs. Juliet Ippolito as the new Scientific Secretary / Public Relation Officer.

Due to health problems, Dr. Paul McIntyre had requested that a successor be found at the earliest opportunity. Consequently, the EFC President's Advisory Committee (PAC) meeting of June 2010 decided to reconsider the tasks of the Scientific Secretary in conjunction with those of the recently proposed Public Relations Officer.

The Job Description presented in Moscow was approved by both the Board of Administrators (BoA) and the General Assembly (GA).

The job description (Scientific Secretary/Public Relation Officer) was advertised on the EFC website and sent to all EFC Members and recent EUROCRR attendees.

Two candidates from Germany and one from Italy were pre-selected by the Frankfurt and Paris Offices based upon the requirements of the job advert and were invited for interviews during the PAC meeting held in Paris on 6 December 2010. Due to weather difficulties, interviews for two of the candidates were conducted by phone.

In accordance with the Statutes, the candidate selected by the PAC, Mrs. Juliet Ippolito, was proposed to the BoA members for their approval by e-mail vote, following a consultation with the STAC Chairman. Mrs Juliet Ippolito was officially appointed to the position starting from 1st February 2011.

The EFC President reminded everyone that the editing of the Green Book Series will no longer be the responsibility of the Scientific Secretary but will now fall to the Working Party Chairmen themselves who will edit each volume produced by members of their own Working Party. One of Mrs. Ippolito's major tasks will be to increase the number of European, International and Affiliate Members.

BoA Members officially welcomed Mrs Juliet Ippolito as new Scientific Secretary/Public Relation Officer.

2-2 *Presentation of Mrs Juliet Ippolito*

Mrs. Juliet Ippolito introduced herself to the BoA Members. Appendix 1 of the Working Papers contained her CV.

Item 3 Administrative Matters

3-1 *Vice-Presidency of EFC*

The current Vice-President's term of office will end this year and the BoA discussed Prof. Rolf Gubner's successor. The EFC President reported on candidate(s) for this position and reminded everyone that the candidates for the Vice-Presidency should come from either the STAC or BoA committees.

After discussions during two PAC meetings, Prof. Lorenzo Fedrizzi was considered and eventually proposed as Vice President of the EFC based on his strong involvement in EFC activities particularly for his very successful chairmanship of Working Party 14 on Coatings, one of the most important sessions of each EUROCORR.

The BoA unanimously agreed with this nomination and the decision will be submitted for final approval by the General Assembly during EUROCORR 2011 in Stockholm.

3-2 *Status of Applications for EFC Membership*

The Frankfurt Office reported that the BoA and the GA approved by postal vote the application of two new Affiliate Members:

- All-Russian Scientific-Research Institute of Aviation Materials (FSUE "VIAM"), Moscow, Russia;
- STOPAQ BV, Stadskanaal, The Netherlands.

Appendices 2 and 3 of the Working Papers contained the signed agreements of these new applicants.

Item 4 Liaisons with other Organisations

4-1 *EFC/NACE Collaboration*

4-1.1 *Meeting of EFC and NACE Presidents during the NACE Corrosion Conference, Houston, Texas, 13-17 March, 2011*

The EFC President and the EFC Vice-President participated in the NACE CORROSION 2011 Conference in Houston, Texas, on 13-17 March 2011, and attended the meeting of EFC and NACE Presidents on 15 March 2011.

The EFC President distributed a draft report. He reminded everyone that two meetings between EFC and NACE are organised each year: one during the annual NACE Conference and one during EUROCORR.

One current cooperative activity is the organisation of joint EFC/NACE workshops on the Oil and Gas Industry at each society's annual conference.

Appendix 1 contains the EFC President Report.

A discussion was launched by Prof. Dr. Bernd Isecke concerning the possible mutual recognition between the training and certification systems for Cathodic Protection personnel operated by NACE and by some European Certification Bodies most often in application of the EN 15257 standard. Dr. Bernd Isecke advised that an agreement was needed between the EFC and NACE that would acknowledge each other's certification schemes. It was pointed out that the coordination and reconciliation of the EFC and NACE's certification schemes would be very helpful to American and other international companies who are doing business abroad.

M. Marcel Roche pointed out that these two systems are presently not equivalent. There are currently 4 competence levels in the NACE scheme while Europe has 3 and there are other major differences as well. The European system works in compliance with EN ISO/CEI 17024 specifying the basic requirements for the guaranty of neutrality and independence of third party personnel certification systems. It is specialized into 4 application sectors and it is based more upon practical aspects for the levels 1 and 2. France is currently proposing to other European countries an improvement in the homogeneity and visibility of the European system. This could be through revision of EN 15257 associated with a common logo and an EFC Publication that would offer a complement to the standard for proposing a common training and examination syllabus and questions. On a longer term, M. Marcel Roche agreed that the final target would be to establish an ISO Standard that could replace both the NACE and European systems, probably based on 4 competence levels.

M. Sam McFarland informed that NACE has launched a new Task Group on CO₂ Capture and transformation and agreeing upon international standards. This could possibly be a new area of cooperation between NACE and EFC. He offered to approach NACE to propose setting up a joined workshop on this topic.

An action was placed on the STAC Chairman to contact the Working Party Chairmen to seek their points of view and to include this item on the next Stockholm STAC meeting Agenda.

4-2 *World Corrosion Organisation*

Progress on EFC/WCO collaboration was presented by Prof. Dr. Ing. Michael Schütze. He reminded everyone that the EFC is one of the founding members of the WCO and that it is not a scientific but rather a political organisation. Main progress with the WCO is on the upcoming Corrosion Awareness Day on April 24 and the new NGO status granted by the United Nations last June.

Prof. Dr. Ing. Michael Schütze reported to the BoA that the United Nations would like the WCO to focus attention on corrosion in water supplies as there is currently big interest in corrosion and water supplies and that a new "White Paper" on this topic will be produced. Prof. Dr. Günter Schmidt, who offered to take the lead in this, advised that there were plans for a workshop pertaining to this at EUROCORR 2012. The STAC Chairman

emphasized that EFC Working Party 20 on “Corrosion and Corrosion Protection of Drinking Water Systems” could be involved.

Discussion took place regarding possibly contacting journalists at “The Economist” or “The Observer” inquiring whether they would be interested in publishing an article on this topic.

Dr. Paul McIntyre was formerly the WCO Secretary. An item about the continuity of the EFC secretariat support to the WCO will be included in the agenda of the next PAC meeting in order to discuss the possible appointment of Mrs. Juliet Ippolito as successor to Dr. Paul McIntyre and this will be proposed at the next BoA meeting.

The EFC President reminded everyone that a letter was sent to all the EFC Member Societies recommending that they become WCO members through the EFC without any additional fee. Five new EFC Members Societies have applied for WCO membership so far.

4-3 ICC

Due to the absence of Ir. Antoine Pourbaix, no report on recent ICC activities was presented.

The BoA members were reminded that the next ICC conference will take place in Perth, Australia on 20-24 November, 2011. The successive one after that will be in 2014.

Discussions also took place concerning ICC events held in Europe. I had been agreed that when an ICC event is planned for Europe, the EUROCORR and ICC Conferences should be organised separately at different locations and on different dates.

Item 5 EFC Activities and Projects

5-1 Scientific Secretary's Report

The new EFC Scientific Secretary reported on her meeting with Dr. Paul McIntyre in London last February 14, 2011, together with representatives from the Frankfurt and Paris Offices. The purpose for this meeting was to transfer and transmit information and documents pertaining to the Scientific Secretary's activities and duties.

In addition, Mrs. Juliet Ippolito reported that she has made contacts with some European countries who are currently not members of the EFC (Bulgaria, Greece) and International (Australia, Egypt, India) in an attempt to promote EFC membership.

She also informed the BoA Members that she sent a comprehensive questionnaire to all the Working Party Chairmen, requesting that they be distributed to their individual members, see **Appendix 2**. About 30 answers had been received at the date of the BoA meeting.

Prof. Dr. Ing. Michael Schütze expressed his opinion that the annual EUROCORR conference is not well known enough by the NACE conference attendees and that better advertising and promotion should be organised. The EFC President suggested that one way to promote EUROCORR would, for example, be to advertise in Materials Performance journal.

5-2 EFC Publications

5-2-1 EFC Series

EFC STAC Chairman, Damien Féron, reported on progress in the preparation of the EFC Series.

Publications N° 56 and 60 have been published.

Permission has been given to Maney to publish N° 58 and 61 with an agreement to undertake the extra costs for the colour pages. These publications, together with publication 57, will be ready for sale at EUROCORR 2011 in Stockholm.

Other books in preparation are: Marine Corrosion, Tribocorrosion, Stress Corrosion Cracking of alloy 600.

BoA members all agreed that the present publication process is too long. Mr. Ray Millbank pointed out that Maney was not entirely at fault for this and that the detailed editing of the books was a major cause of delay as well. A discussion took place regarding the responsibilities of Maney as EFC's appointed publisher and the various EFC people directly involved with them. The new arrangement of having each WP Chairman act as editor for volumes pertaining to his working party should improve the situation and speed up the publication process.

It was decided that a new meeting will be organised between Mr. Michael Gallico from Maney, EFC President and STAC Chairman to review the situation and search for ways to improve the relationship. In addition, the STAC Chairman will be invited to attend the next PAC meeting to specify future arrangements for the EFC Series publications.

Dr. Roman Bender reported that attempted contacts with Mr. Michael Gallico by the Frankfurt Office of Maney were unsuccessful however one improvement was the uploading of the new Maney publication procedure for EFC books which is now available in the restricted area of the EFC website.

5-2-2 EFC Electronic Newsletter

Mrs. Juliet Ippolito reported that she was working - with the collaboration of Ines Honnsdorf - on the preparation of the next E-Newsletter which will be sent electronically to over 2000 people by DECHEMA for the occasion of WCO Corrosion Awareness Day on 24 April 2011 and that she was currently in the process of collecting information from the Working Party Chairmen and the various EFC contacts and would be submitting the version to DECHEMA by April 13th.

5-2-3 Progress with items for Publication in "Materials and Corrosion"

Dr. Roman Bender reported on progress concerning the EFC related material/articles published in the journal "Materials and Corrosion", (see **Appendix 3**).

5-3 EFC Website

Dr. Roman Bender presented the status of the latest improvements to the EFC website. About half of the Working Party Chairmen are currently updating their Web pages. He reminded everyone that the Working Party Chairmen should

organise access to the restricted area of their Working Parties by sending the specific password to each member.

The BoA were reminded of the login and password, which allows them direct connection to the restricted area of the website:

Login: efc-boa
Password: edinburgh

Item 6 Finance

6-1 Honorary Treasurer's Report

The Honorary Treasurer presented the EFC Financial Report (see Appendix 4 of the Working Papers) and apologised for the delay in sending the 2010 invoices. The 2011 invoices would be sent out within the two next weeks and would include an increase of 2,2 % corresponding to the average European inflation rate as agreed in the 5-Year Plan.

Mr. Ray Millbank pointed out that the EUROCORR 2010 levy (€25,000) is the highest level the EFC has ever received. In accordance with the EFC Strategic Plan, the present accounts are sufficient to cover the outcome of the next year.

BoA Members approved the Honorary Treasurer's Report.

An action was placed on the Honorary Treasurer to prepare the Treasurer's Report with the 2010 accounts and the budgets for 2011 and 2012 for the next PAC meeting.

Item 7 EUROCORR Series: 2010 to 2014

7-1 EUROCORR 2010 – Moscow (Russia) – Final Report

Dr. Willi Meier reported on behalf of the Russian organisers the final results for EUROCORR 2010 in Moscow. Appendix 5 of the Working Papers provided Part 2 of the EUROCORR 2010 Report Form.

The contribution levy to the EFC budget was € 25,000.

617 delegates were registered, including 182 Russians. The other most important delegations came from France, Germany, UK and Italy.

Despite the problems related to visas, EUROCORR 2011 was a great success and BoA congratulated the organisers.

7-2 EUROCORR 2011 – Stockholm (Sweden) - Progress with Arrangements

EUROCORR 2011 will be held on **4 - 8 September 2011 in Stockholm**. The general theme will be **“Developing Solutions for the Global Challenge”**.

The Congress will start on Sunday evening, with the registration of delegates and a welcome reception. It will take place at the Stockholm International Fairs and Congress Centre which is connected to the City Centre by trains every few minutes (8 to 12 times per hour).

The organisers of EUROCORR 2011 reported on the progress with arrangements.

618 abstracts, including 135 posters, have been received and the Paper Selection Meeting was organised in Stockholm the day before the BoA meeting (programme to be available in the following weeks on the Web site). The Conference is sponsored by the City of Stockholm, Institut de la Corrosion, Sandvik and SAS. A dinner will be offered by the main sponsor Sandvik on Monday evening at the City Hall. The time schedule has to be modified in order to take into account the GA meeting.

The Gala dinner will be held on Wednesday at Ostermalms Hallen.

A slot needs to be reserved during the Opening Ceremony on the Monday Morning for the lecture of the winner of the 2011 EFC Medal.

Appendix 4 provides the EUROCOR 2011 progress with arrangements.

7-3 *EUROCORR 2012 – Istanbul (Turkey) - Report on Preliminary Arrangements*

Prof. Dr. A. Fuat Çakir reported on the preliminary arrangements for **EUROCORR 2012** which will be held on **9 - 13 September 2012 in Istanbul**.

The Congress will take place at the Istanbul Grand Cevahir Hotel and Convention Centre at Sisli, which is located 3 km from the historical centre of Istanbul, with easy access by Metro. The general theme will be “**Safer World through better Corrosion Control**”.

Appendix 5 provides the EUROCOR 2012 preliminary arrangements.

7-4 *EUROCORR 2013 – Estoril (Portugal) - Initial Progress Report*

Mrs. Fátima Montemor and Mr. João Fernandes reported on initial progress.

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

Appendix 6 provides the initial progress in the organisation of EUROCOR 2013.

7-5 *EUROCORR 2014 – Bids Presentations and Selection of the Host*

The Frankfurt Office had received two bids to host EUROCORR 2014, by the deadline of 31st December 2010. One bid was from Austria (ASMET) and the other from Italy (AIM). Completed pro-formas providing details of the proposal were provided as Appendices 6 and 7 of the Working papers.

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

- Dr. Günter Hochoertler from Austria on behalf of Prof. Dipl.-Ing. Dr. mont. Gregor Mori (ASMET);
- Dr. Federica Bassani from Italy representing the Associazione Italiana Metallurgia (AIM).

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. Stefano Trasatti also participated to the vote. Following the presentations, a secret ballot was carried out by the voting members of the BoA.

The winner was AIM's bid from **Italy** which is to host **EUROCORR 2014 in Pisa**. The proposed dates of the **8th to 12th of September 2014** were approved and the general theme will be “**Improving Materials Durability: from Cultural Heritage to Industrial Applications**”.

Appendix 7 contains the Italian presentation.

The President congratulated Italy 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.

Finally the President thanked both bidders for their excellent presentations and expressed regrets that there could be only one winner. He encouraged Austria to bid again with an improved offer for EUROCORR 2015.

Members are reminded that bids to host **EUROCORR 2015** should be submitted in writing to the Scientific Secretary **by 31st December 2011**.

Item 8 EFC Accreditation of Short Courses

Dr. Damien Féron reported at the BoA Meeting in Moscow that the STAC had agreed to the project of Dr. Robert A. Cottis to establish, with the support of the EFC Member Societies, a database of Corrosion Courses organised in Europe as a first step

The next step would be to assign EFC approval to the courses using a prescribed process involving the STAC and Working Party Chairmen.

It was noted of importance that in the future the term “Accreditation” would be replaced by another term such as “Approval” due to the fact that the word “Accreditation” has an official precise meaning in European countries.

Dr. Damien Féron reported to BoA that, due to the absence of Dr. Robert A. Cottis at the last Moscow STAC meeting, this item be postponed to the next meeting in Stockholm.

Item 9 EFC Calendar of Events

Appendix 8 provides an update of forthcoming events in the EFC Calendar prepared by Juliet Ippolito, which also includes relevant non-EFC-sponsored events. She was requested to be cautious to avoid any conflict between the different events listed in the Calendar when delivering a new EFC Event Number.

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

An application form is available in the restricted area for the BoA Members to apply for an EFC Event Number.

Item 10 Any other Business

10-1 Working Party Funding for Round Robin Test

Following a positive e-mail vote by STAC Members, the STAC Chairman presented the request of the Working Party 8 Chairman, Dr. ir. Arjan Mol, which was raised during the Moscow meeting, for €1,600 funding for a round robin test.

BoA approved the funding of this activity.

10-2 European Corrosion Medal for 2011

The STAC Chairman reported that two candidates had been nominated for the 2011 European Corrosion Medal. The Jury met the day before the BoA meeting following the EUROCORR 2011 Papers Selection Meeting and the EFC Medal was awarded to Prof. Günter Schmitt.

The medal will be presented during the Opening Ceremony of EUROCORR 2011 in Stockholm where the winner will be invited to give a lecture.

BoA members are reminded that the rules for the nomination and selection of the EFC Medal candidates had been reconsidered in order to allow eligibility for this Award to STAC members and in particular the WP chairmen.

10-3 Honorary Membership of the EFC

It was suggested to nominate Dr. Paul McIntyre as EFC Honorary Member. BoA unanimously approved this proposal and, according to the EFC Statutes, this nomination has to now be agreed by the General Assembly. An action was placed on The EFC Frankfurt Office to seek approval of the General Assembly by an e-mail voting process. Subject to the agreement of the GA, Dr. Paul McIntyre will be invited to attend the Stockholm Opening Ceremony to receive this distinction.

Item 11 Date and Place of next BoA

The next BoA meeting will be held in September 2011, in conjunction with EUROCORR 2011, in Stockholm, Sweden, at a time and place to be announced later.

A P P E N D I C E S

EFC/NACE Presidents' Meeting, Houston, 15 March 2011

Present:	Chris Fowler	NACE President
	Delmar Doyle	NACE Vice-President
	Bob Chalker	NACE Executive Director
	Oliver Moghissi	NACE Vice-President
	Philippe Marcus	EFC President
	Rolf Gubner	EFC Vice-President

The EFC-NACE collaboration during 2010/2011 was reviewed:

- Progress on the Joint Publication providing guidance on marine corrosion for those new to the field (led by Ulf Kivisäkk and to be published by EFC): the manuscript has been approved by NACE and is now in Press.
- Joint stands have been put up at the exhibitions of NACE CORROSION 2010, EUROCORR 2010 and NACE CORROSION 2011.
- Reciprocal participation in each other's main annual conferences has been implemented, including the following joint sessions at NACE CORROSION 2011:

TEG 374x: Oil and Gas Production Materials Information Exchange, Joint Meeting with EFC WP13.

STG 61: Inhibition-Corrosion and Scaling, Joint Meeting with EFC WP13.

- Reciprocal participation in each others technical committees (the EFC STAC and NACE TCC).

Philippe Marcus announced the appointment of Juliet Ippolito as the new EFC Scientific Secretary/Public Relations Officer.

The areas requiring further development were discussed:

- Collaboration between EFC WP Chairmen and NACE STG Chairmen.
- Joint meetings other than in connection with EUROCORR and NACE CORROSION.

The co-organisation of a short course on ISO standard in the area of oil and gas was discussed. It was agreed that it would be a joint EFC-NACE Europe event. The course will be held on Sunday, 4 September 2011. A meeting room for 75 people is requested.

The registration and room reservation would be done by DECHEMA as the EFC Congress organizer. The surplus will be equally shared between EFC and NACE-Europe. The person responsible for this short course is Chris Fowler (NACE Europe and EFC WP13) ; other contact persons are Sten Olsen, Thierry Cassagne, and Thierry Chevrot.

Another topic of common interest was raised: CO₂ capture and transformation.

**EUROPEAN FEDERATION OF CORROSION
WORKING PARTY QUESTIONNAIRE**

Naples, February 27, 2010
juliet@unina.it

Dear EFC Work Party Chairmen and Members,

Greetings to all of you! My name is Juliet Ippolito and I am the new Scientific Secretary/Public Relations Officer for the European Federation of Corrosion. I greatly look forward to eventually meeting and working with all of you as, in the words of my predecessor Paul McIntyre, “the Working Parties are the backbone of the EFC”.

Together, your accumulated knowledge, experience, expertise and contacts are immense resources for the EFC and I shall do my best to learn about you and add you to my data bank of international experts on materials protection for specific problems, with the aim of providing valuable networking links amongst all corrosionists throughout the world.

It is my intention to stimulate and cultivate working relationships within the international corrosion community on behalf of the EFC and to encourage a scientific and technological information exchange through an on-going dialogue with continuous feedback from you in order to ensure the continuity of supply of expertise from the working parties.

As Public Relations Officer my aim is to increase public awareness of what it is you do and direct it to those most interested such as international end-users, manufacturers and suppliers creating critical links between industries and academics, making state-of-the-art information easier to access, avoid duplicate research, and transfer basic research work into working technology on the prevention and control of corrosion and degradation of materials.

This, in turn, will boost your working party’s potential. Understanding more about who you are and what you do will support my networking and public relations activities as I continually search for more areas of possible applications, potential research opportunities, industrial collaborations and people who might be of interest to you.

Working Party Chairmen, you are a key contact point for all on-going research, engineering and applied engineering activities in your specialized sectors and I hope that I can count on you for a continual stream of knowledge from your working party, some of which can be publicized in the EFC Newsletter and will generate interest and increase its value to those inside as well as outside the EFC.

But first I need your help in doing all this by learning about you and seeing how you fit into “the big picture”. With this in mind, **Working Party chairmen and members**, could you kindly take **10 minutes** to complete the attached form and return it to me as soon as you can? This information will not only provide valuable content for the Newsletter but help to make me aware, particularly in my role as Public Relations officer, of any opportunities to come your way in an attempt to accurately correlate research needs with those most capable of fulfilling them.

Thanks very much for your kind cooperation and see you in Stockholm!

Juliet

**EUROPEAN FEDERATION OF CORROSION
WORKING PARTY QUESTIONNAIRE**

Your name: _____

Your title: _____

Your Institution: _____

Your department: _____

Address: _____

Country: _____

Your e-mail address: _____

1. Type of organization you represent:

- _____ Academic Institution
- _____ Research Institute
- _____ Private Industry
- _____ State-owned Industry
- _____ Part private/part state-owned
- _____ Small-Medium Enterprise
- _____ Part private/part state-owned
- _____ Military
- _____ Military Contractor
- _____ Government Institution
- _____ Other - please specify: _____

2.The area(s) of application of your specialty area of corrosion (ex. marine, automotive, oil refinery, etc.)

3.Principal journals/periodicals that you normally publish your work in

4.Trade magazines most relevant to your specialty corrosion area

5.Upcoming (within 2012-2013) conferences/workshops/seminars/courses or masterclasses pertaining to topics covered by your specific working party.

6.Which international congresses/workshops/seminars are you and your staff most likely to frequent?

7.Which professional (not necessarily corrosion) societies do you or your department belong to?

8.The most widely recognized worldwide universities/research institutes where research in your specialty area is carried out (including your own if this is the case).

9.Does your department/institute have any patents pertaining to corrosion/materials degradation,damage detection or SHM tools/techniques?

10.Does your department have any contracts, long-term relationships or informal arrangements with local or national industries? If so, which fields and which industries?

11.Does your institute host any graduates, masters, Phd or post-graduate students? If so, which research areas are they working in?

12.Does your institute send any graduates, masters, Phd or post-graduate students to local or national industries as interneers? If so, which?

13.Does your institute offer any undergraduate or graduate degree courses in corrosion/materials degradation research?

14.Does your institute participate in Guest Professor, fellowship or student exchange programs with any European or rest-or-world universities or research institutes?

15.Which are the industrial sectors most applicable to your area of research/activity?

16.Who are the worldwide industries and/or end-users most applicable to your area of research/activity?

17.What is your opinion and prediction of the future of applied research in your specialty area?

18.Do you foresee the need for a new working party in any other specialty area of corrosion? If so, which?

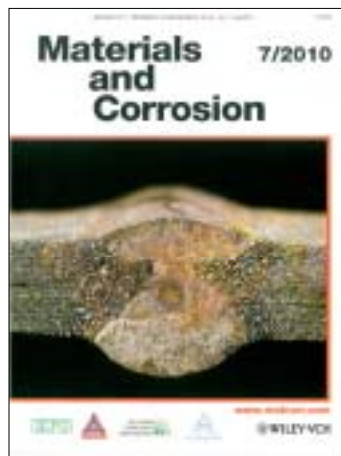
19.What currently is of most interest to you in the EFC newsletter?

20.What kinds of information would you like to see in the EFC newsletter that currently is not included?

21.Do you participate, or have you participated (within the last 5 years) in any national or E.U. research projects? If so, which ones?

22.Are you a member of, or work with any national Certification Directorates pertaining to certifications or the implementation of a corrosion maintenance plan? If so, which?

Appearance of the EFC in Materials and Corrosion



and the World Corrosion Organization (WCO)



[illegible]

Materials and Corrosion 2009, 63, No. 3



Fig. 10 The Intra-Aspect Waterpore® test developed by Innovation for Automation (manufactured by)

Materials and Corrosion 2009, 63, No. 3

Society News

Materials and Corrosion 2009, 63, No. 3

EFC Information

EFC Working Party 30A: Corrosion and Generative Protection of Drinking Water Systems

Abstracts

Drinking Water is the central part of human existence and its purity without risk to health is essential for human life. Huge industrial effort is employed to collect, purify and distribute drinking water to virtually every house hold in Europe and other developed countries. Many different materials are in use for the various components within drinking water systems. Some of these even cause corrosion like lead but may be still present in some installations, even at the

Investigation and Testing

- Improvement of the understanding of the factors may have less specific for the different materials used in drinking water installations, where appropriate cooperation with other EFC Working Parties is intended.
- Investigation and Testing
- Analytical and optimization of existing and new methods for investigation and testing of the corrosion resistance of materials.
- Emphasis will be put on the evaluation and further development of new test systems that take into account

WP 19
02/2010

Materials and Corrosion 2009, 63, No. 3

12/2009

Materials and Corrosion 2009, 63, No. 3

New offices in the materials Corrosion Society

Corrosion Society

Conferences

Books

Corrosion topics

EUROCORR 2010

September 13 - 17, 2010 / Congress Center of World Trade Center in Moscow (Russia)

EUROCORR 2010 will be an exciting event that will become a platform for the exchange of scientific and practical information as well as a forum for interaction between academics, teachers, manufacturers, industries, industry representatives and other professionals.

Russia is an integral part of both Europe and Asia - EUROCORR now provides a unique networking opportunity.

The scientific programme of the conference will include plenary meetings and keynote lectures and presentations in several parallel sessions and poster sessions.

Along with the scientific programme an exhibition will be held where industry leaders will have an opportunity to present their technical innovations in the fields of







Welcome to EUROCORN 2011 in Stockholm

swerea|KIMAB



18/04/2011 Eurocorr 2011

2

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Status update

- 618 abstracts submitted
- Whereof 135 poster
- Sponsors
- Exhibition



18/04/2011 Eurocorr 2011

5

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Prior to the conference (Friday-Sunday)

Graduate course



Graduate course in Corrosion Science – managed by Prof. Christofer Leygraf

The course includes 16 lecture hours on three consecutive days prior to EUROCORR 2011, 2–4 September at the Royal Institute of Technology (KTH) Campus area.

Including social activities for the students

18/04/2011

Eurocorr 2011

6

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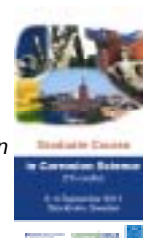
Graduate course



Topics

- **Introduction, Repetition of Basic Concepts** *C. Leygraf*
- **Thin Oxide Film Formation** *J. Pan*
- **Corrosion Protection by Organic and Inorganic Coatings** *D. Thierry*
- **Pitting/Crevice Corrosion**, *R. Pettersson*
- **Stress Corrosion Cracking and Hydrogen Embrittlement** *R. Pettersson*
- **Passivity** *J. Pan*
- **Atmospheric Corrosion** *C. Leygraf*
- **High Temperature Corrosion** *P. Szakalos*

Course credits: 7.5 ECTS points



18/04/2011

Eurocorr 2011

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Eurocorr 2011

Plenary Speakers

Monday

(Possibly, short introduction of R & D head from Sandvik)

Kevin Ogle Professor, Chimie ParisTech
Organic and inorganic corrosion inhibitors and modelling.



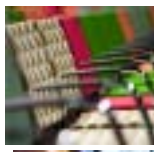
Tuesday

Peter Samuelsson.
Senior Vice President
Head of R&D
Outokumpu



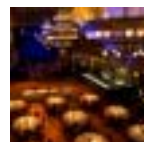
Wednesday

Peter Brimblecomb
Professor, University of East Anglia
Effect of air pollution on art, architecture
Senior editor of Atmospheric Environment



Thursday

Christina M. Tengner,
Conservator, The Army Museum
The recovery of the DC-3 aircraft after 50 years at the bottom of the Baltic Sea



18/04/2011

Eurocorr 2011

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Eurocorr 2011

Sunday

16.30-19.30

Registration and
Welcome Reception at
Stockholm Fair



Monday

8.30-17.00

Lectures
18.00
Dinner at
the City Hall



23/05/2011

Eurocorr 2011

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Dinner at the City Hall

Sponsors



18/04/2011

Eurocorr 2011

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Eurocorr 2011

Sunday

16.30-19.30

Registration and
Welcome Reception at
Stockholm Fair



Monday

8.30-17.00

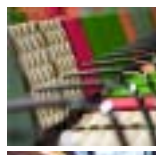
Lectures
18.00
Reception at
the City Hall



Tuesday

8.30-18.00

Lectures
18.00-20.00
Poster Session



Wednesday

8.30-18.00

Lectures
19.00
Dinner



18/04/2011

Eurocorr 2011

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Wednesday

Dinner
Östermalms hallen



18/04/2011

Eurocorr 2011

19

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Eurocorr 2011

Sunday

16.30-19.30
Registration and
Welcome Reception at
Stockholm Fair



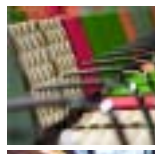
Monday

8.30-17.00
Lectures
18.00
Reception at
the City Hall



Tuesday

8.30-18.00
Lectures
18.00-20.00
Poster Session



Wednesday

8.30-18.00
Lectures
19.00
Gala Dinner



Thursday

8.30-16.00
Lectures
The END



18/04/2011

Eurocorr 2011

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Location



Stockholmsmässan

10 minutes by comuter train from the city centre.
Traffic 8-12 times an hour

18/04/2011

Eurocorr 2011

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Östermalms hallen

We are here

City hall



18/04/2011

Eurocorr 2011

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18/04/2011

Eurocorr 2011

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18/04/2011

Eurocorr 2011

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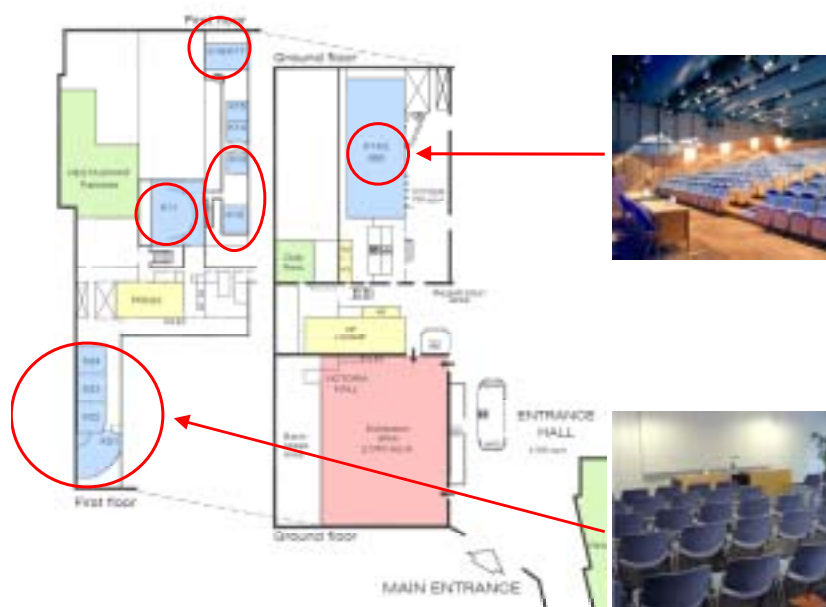


18/04/2011

Eurocorr 2011

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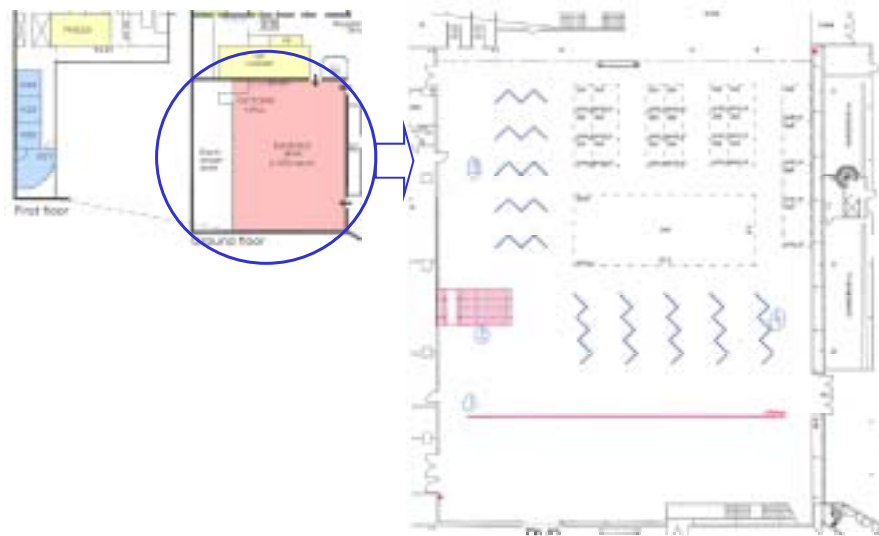
18/04/2011

Eurocorr 2011

28

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Victoria Hall, Exhibition



18/04/2011 Eurocorr 2011

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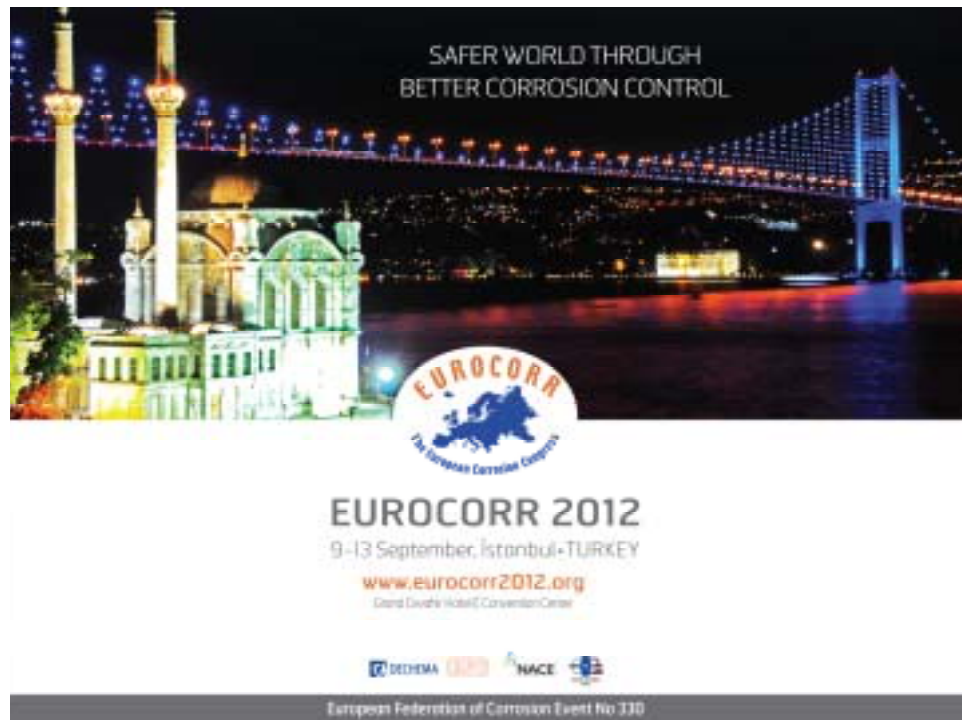
Optional tours in and around Stockholm



18/04/2011 Eurocorr 2011

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CONFERENCE THEME

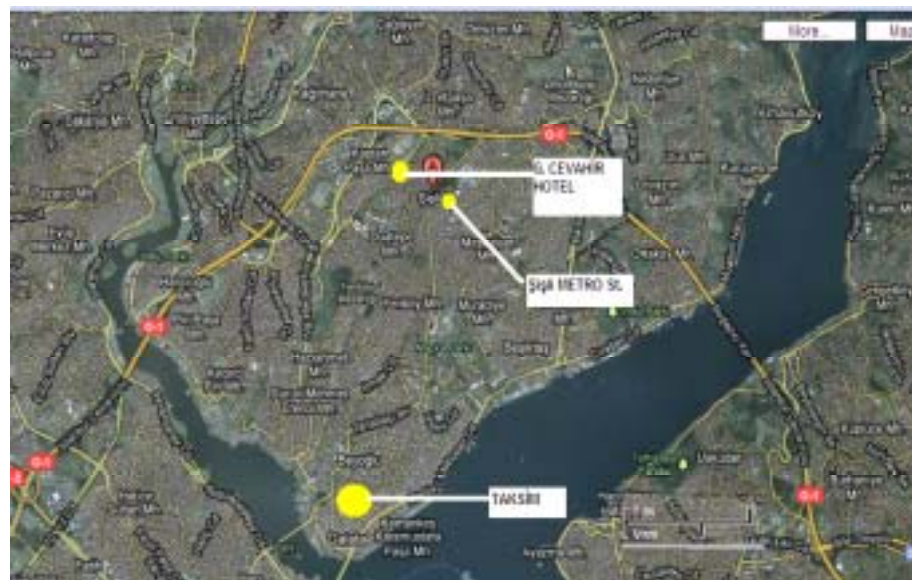
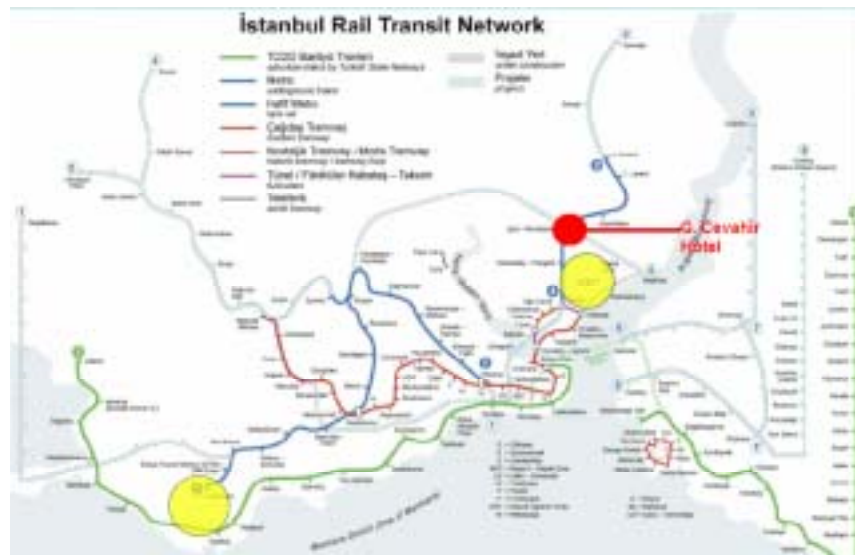
The safety of physical structures prone to damage by corrosion is a great concern in a geography where earthquakes do not forgive recklessness and indifference in corrosion protection.

Hence the theme of the Conference is chosen as :

**Safer World Through
Better Corrosion Control**



VENUE



Congress Venue

Grand Cevahir Hotel & Convention Center



Congress
Venue



Grand Cevahir Hotel &
Convention Center

- With its 18 available meeting rooms and suitable poster and exhibition areas, Grand Cevahir Hotel and Convention Center matches our requirements for EUROCORR 2012.
- Being the biggest Hotel Congress Hall in Turkey with its capacity of 1013 people, Cevahir Auditorium has been equipped with technical equipment for all kinds of organisations.
- Reservation to the meeting rooms has been made for the dates of EUROCORR 2012.

Dr. Roman BENDER
from DECHEMA had
visited Istanbul



Capacity Charts

L 1 Floor	m2	Width - Length	HEIGHT	THEATRE
Safir	232	15.23 x 1.71 x 15.90	3.40 x 4.58	220
Yakut	52	7.12 x 7.29	3.67	35
Zümrüt	37	5.20 x 7.60	3.67	35
Pirlanta	49	6.45 x 8.09	4.20 x 4.83	
L 2 Floor	m2	Width - Length	HEIGHT	THEATRE
Elmas	48	6.41 x 8.11	3.52 x 3.92	35
Topaz	45	5.65 x 7.94	3.58	36
Akik	44	5.46 x 7.81	3.50	36
Turkuaz	84	7.77 x 11.02	3.62 x 4.50	80
Ball Room	2500	32.18 x 58.29	8.65	2500
Ball Room I	615	18.95 x 32.18	8-8.50	700
Ball Room II	484	15.15 x 32.18	8-8.50	500
Ball Room III	778	24.50 x 32.18	8-8.50	800
Ball Room I-II	1099	34.1 x 32.18	8 -8.50	1200
Ball Room II-III	1262	39.65 x 32.18	8 -8.50	1400
Ball Foyer	1083			
Terrace	135			

F 1 Floor	m2	Width - Length	HEIGHT	THEATRE
Kehribar	48	6.55 x 7.60	2.90	40
Sedef	47	6.55 x 7.67	2.90	40
Firuze	42	6.55 x 7.55	2.90	36
Kristal	28	4.20 x 7.35	2.90	30
Mercan	28	4.20 x 7.35	2.90	30
Inci	39	4.05 x 6.55	2.90	20
Opal	123	5.05-6.45 x 22.30	2.90	75
Oltu	79	4.77 x 14.05	2.05 - 2.25	80
Auditorium	877 + 291	23.82 x 34.52	8.12	1013
F2 Floor	m2	Width - Length	HEIGHT	THEATRE
Auditorium				
Auditorium Foyer	1.806	2.60 x 6.23		
Foyer				
Lower Foyer	842			
Upper Foyer	964			

AVAILABLE ROOMS

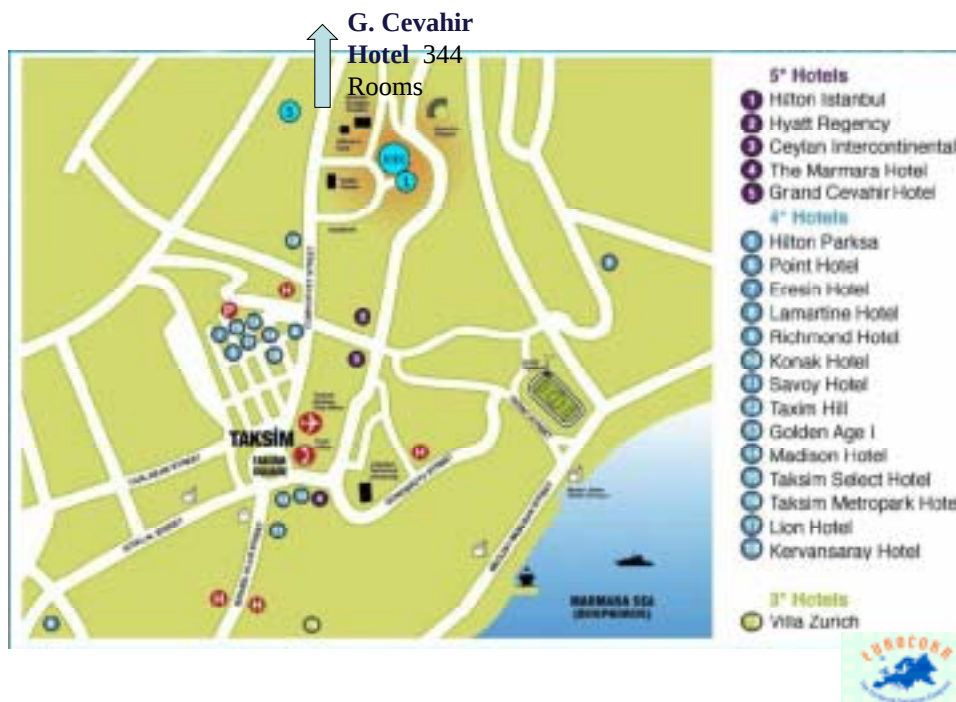
- **Auditorium for 1013 person**
 - 4 rooms each for over 500 person
 - 1 room for 250 person
 - 3 rooms each for over 90 person
 - 2 rooms each for 50 person
- **TOTAL: 10 rooms**
 - **Other rooms:**
 - 3 rooms each for 45 person
 - 3 rooms each for 40 person
 - 2 rooms each for 35 person
 - **TOTAL : 8 rooms**

GRAND TOTAL : 18 rooms

SPACE FOR POSTERS, COFFEE BREAKS and LUNCH

- Auditorium upper foyer : 842 M2
- Auditorium lower foyer : 964 M2

- Ball foyer : 1083 M2



Estimated Hotel

Fees 5 * Hotel fees approximately

220 € – 260 € (for our event 200 € - 240 €)

- **5 * Grand Cevahir Hotel fee**

160 € - 170 €

- 4* Hotel Taksim District

140 € - 160 €

- 3* Hotel Taksim District

80 € - 100 €

- Special Arrangement will be made for students (Hostels etc.)



REGISTRATION FEES

Registration Type	EARLY Registration	LATE Registration
EFC – NACE Members	680 €	755 €
EFC - NACE Members (Full)	800 €	875 €
Non EFC – NACE Members	750 €	830 €
Non EFC – NACE members (Full)	870 €	950 €
Students	250 €	300 €
One day ticket and Accompanying person (AP)	250 €	300 €
GALA dinner	150 €	150 €

- ❖ Registration fee includes: Conference documents (except AP), Welcome cocktail, Refreshments and Lunches (open buffet)
- ❖ Full Registration includes also "Conference Dinner"



Visa

- 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 announce 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>









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



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





Accommodation

- Above 50 Hotels nearby
- About 1500 rooms, from 5* to guest houses
- Room prices from 50 Euros (B&B)

Walking distance (2-15 minutes)



How to get there:

By plane to Lisbon (Lisbon airport has daily non stop flights to and from the major cities in the world).

By Train: regular services from Lisbon to Estoril every 15 minutes.

By Car: 30 minutes driving from the airport.




Local Organizing Committee:

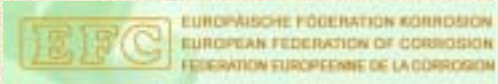
M.F. Montemor
J.C.S. Fernandes

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



International scientific committee

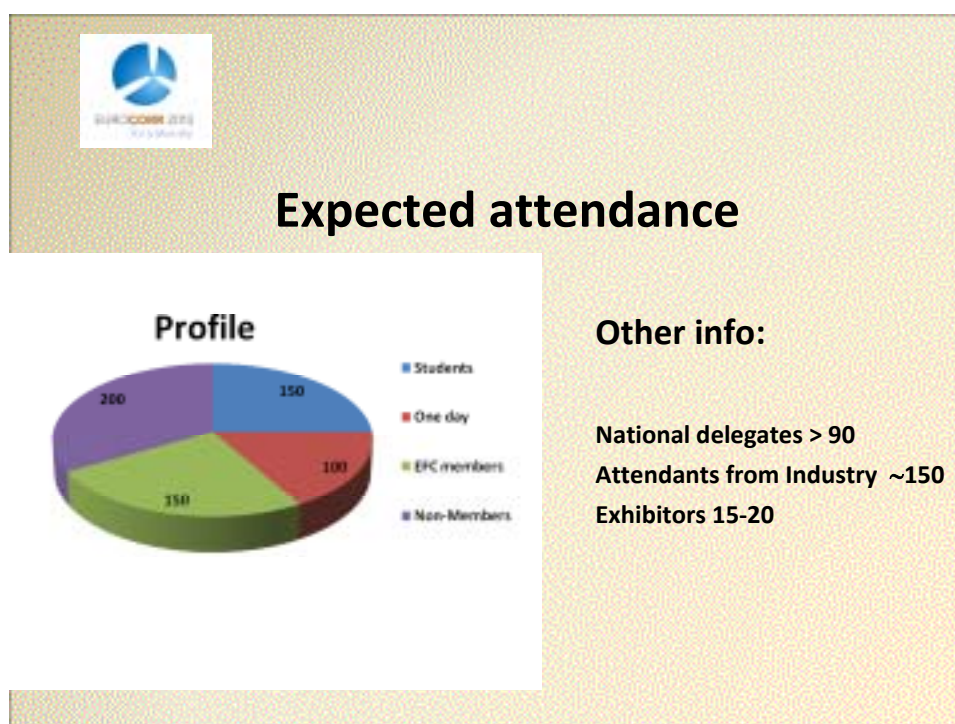
To be defined in collaboration with EFC





Proposed Programme

Sunday, 1	Monday, 2	Tuesday,3	Wednesday,4	Thursday, 5
	Opening Ceremony Plenary Lecture 9:00-11:00	Parallel Sessions 9:00-12:30	Parallel Sessions 9:00-12:30	Parallel Sessions 9:00-12:30
	Parallel Sessions 11:00-12:30			
	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	
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 = Moscow



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





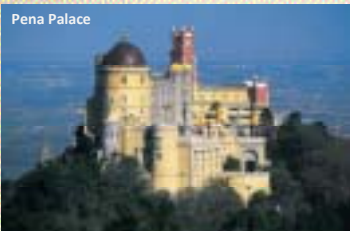

Sightseeing / Guided Tours

Estoril Coast & Sintra

Óbidos/Nazaré/Batalha/Alcobaça

Lisbon

Many other options!






ORGANIZATION
SPM – Sociedade Portuguesa
de Materiais



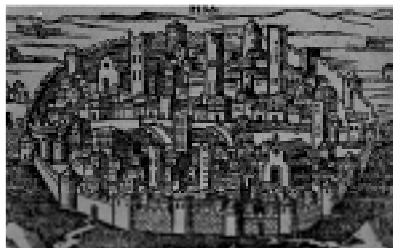
SCIENTIFIC SECRETARIAT
EUROCORR 2013
Instituto Superior Técnico
Av. Rovisco Pais
1049-001 Lisboa
PORTUGAL

Ph: (+351) 218 417 234 Fax: (+351) 218 404 589

WWW.EUROCORR2013.ORG
Contact: secretariat@eurocorr2013.org







 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.

The improvement of traditional materials, the development of advanced materials, processing techniques and technologies increasingly demand continuous up-dating both on behalf of those who process as well as of those who work with applied metals.

AIM's prime function is to permit the exchange of scientific knowledge/research and development in the field of metallurgy, both at the national and international level. This is accomplished through publications, conferences, meetings and interaction with cooperating sister societies throughout the world.





Our Activities

AIM serves the needs of metallurgists, material technologists and engineers through various activities:

- ✓ we have been active for years with the organization of national and international conferences, courses and technical visits;
- ✓ we publish the monthly journal "La Metallurgia Italiana", which is a literature source reporting on recent investigations in material science;
- ✓ we publish books covering a wide range of subjects, from physical metallurgy to production processes of metals and their applications;
- ✓ we publish proceedings of major events and books on technology;
- ✓ we award medals, prizes and scholarships for recognition of outstanding achievements in materials science and technology.



AIM Corrosion Study Group

The scientific coordination of all events organized by AIM is distributed through its 16 Study Groups.

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

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)

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.

The Conference will aim at fostering the transfer of information, experience and technology amongst delegates with academic and industrial backgrounds and at yielding information on corrosion science and technology.



Future Conferences and other initiatives

Thanks to its long experience, the AIM staff is able to efficiently manage the organisation of large international events.

In 2011 alone AIM is involved in the organisation of the following conferences and anticipated number of attendees:

- GALVATECH 2011** - Genova, 21-24 June (circa 400 attendees)
- GIORNATE NAZIONALI DI CORROSIONE E PROTEZIONE** - Rome, 6-8 July (circa 200 attendees)
- EUROMAT 2011** - Montpellier, 12-15 September (circa 2000 attendees)
- 7th EUROPEAN STAINLESS STEELS CONFERENCE** - Como, 21-23 September (circa 300 attendees)
- 23° CONVEGNO NAZIONALE TRATTAMENTI TERMICI** - Verona, 16-18 October (circa 300 attendees)

Besides these Conferences, in 2011 AIM is organising more than 25 other initiatives: courses, seminars, workshops and plants visits.





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, printing and shipping of the programme leaflet, 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.



Local Organising Committee

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

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

Scientific Committee: EFC-Working Parties and other session/workshop organisers





Why choose Italy?

The miracle of Italy is that all its treasures come packaged in a gorgeous country of majestic mountains, placid lakes, idyllic islands, splendid cities and wonderful walled villages. An ideal climate, plus warm and gracious people, make Italy a perfect destination for a business event.

The great artistic legacy of Italy is unequalled anywhere in the world. Not only do the major cities contain their world-famous museums, but even the smallest Italian towns contain and cherish some share of this fabulous art patrimony.

Participants at conventions in any region of Italy find fully-equipped centers and beautiful venues, often in particularly prestigious places, which are efficiently organized. Italy is unique in offering so many options for venues. In addition to the traditional convention centers and big hotels with congress facilities, one can choose from a wide range of old palaces, castles, historic residences, resorts, magnificent villas and country estates.



Tuscany

Tuscany is a charmed land, equally blessed by the genius of man and nature, and often by the combined efforts of both. Think of the vineyards: rows of baby green vines march in arrow-straight formation up the gently rolling hillsides, bounded by single files of darker green cypress trees, snaking sandy roads leading to rust-coloured farmhouses and moss-coated castles, symmetrically rounded hilltops surmounted by towns so homogeneous as to seem one single building. Every inch of land has been sculpted, first by the elements, and then by generations of inhabitants whose goals were always twofold: make the land produce as much as possible, make the land as beautiful as possible. Tuscany enchants us today because it holds together as a region, and every corner is worthy of visit: Firenze, Pisa, Siena, Chianti, the D'Orcia Valley.





Pisa



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

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)





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 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 - The European Corrosion Congress

Pisa, September 8-12, 2014

Expected number of participants: 600/ 800

Program synthesis

Monday September 8

Exhibition set-up
Board meeting (full day)

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
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Friday September 12

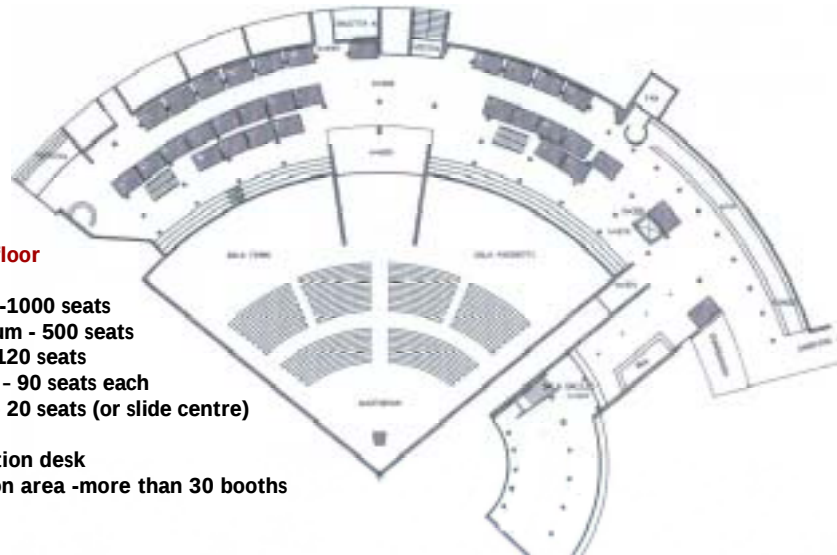
Morning	Up to 8 parallel sessions
Afternoon	Exhibition dismantling



Ground floor

Plenaria - 1000 seats
 Auditorium - 500 seats
 Galilei - 120 seats
 3 Rooms - 90 seats each
 Room A - 20 seats (or slide centre)

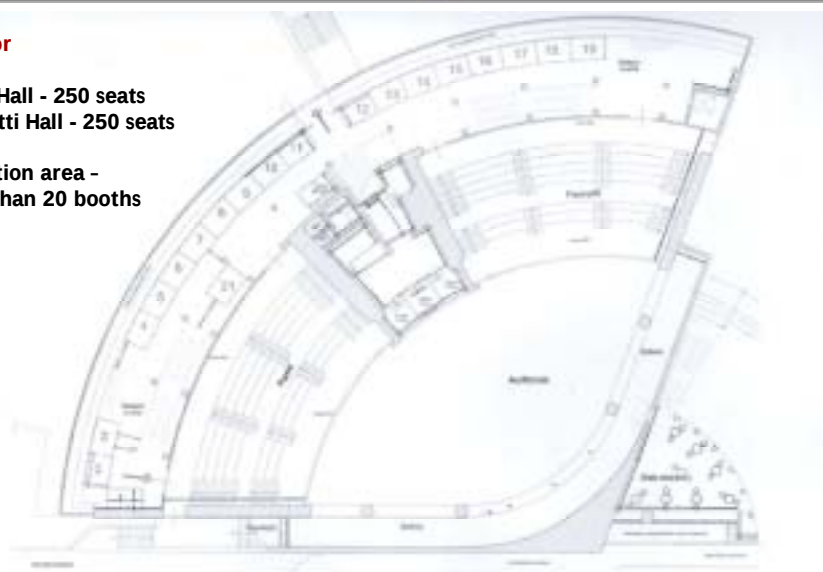
Registration desk
 Exhibition area - more than 30 booths



1st floor

Fermi Hall - 250 seats
 Pacinotti Hall - 250 seats

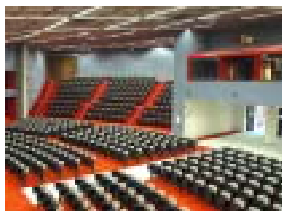
Exhibition area -
 more than 20 booths





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



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.

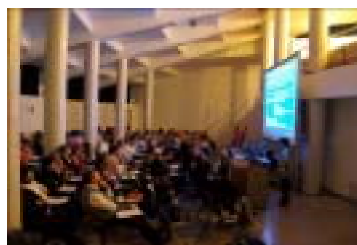




Galilei room & Master room

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.



Ground floor galleries

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 reception at the entrance to the building, includes a 16-metre-long desk with drawers and chairs. Behind it, a pigeonhole-like wall can be used to collect documents or conference materials.





First floor galleries

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



BUDGET & REGISTRATION FEES

Approximate expenditures

(Expenditures are calculated with 2010 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:	20.000 €
Coffee breaks:	35.000 €
Lunches:	45.000 €
Welcome reception:	20.000 €
Conference dinner	50.000 €
Announcements and Programme (printing and shipment):	30.000 €
Conference bags & Proceedings:	15.000 €
Exhibition costs:	20.000 €
Other possible costs (bus transfers, ..):	10.000 €
EFC levy:	18.000 €
DECHEMA:	12.000 €
TOTAL:	375.000 €
Approximat income	
(Income is calculated based on an estimate of circa 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	260 €
One-day	300 €

Late registration fees

EFC/NACE members	790 €
Non-EFC members	890 €
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.



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).

Approximative 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.



Images of some of the hotels...



Hotel dell'Orologio – 5 stars luxury



AC Hotel Pisa – 4 stars



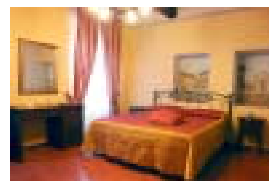
AC Hotel Pisa – 4 stars



Alessandro Della Spina – 3 stars



Il giardino – 3 stars



Hotel Di Stefani – 3 stars



Social events

Welcome cocktail - evening of Tuesday September 9

A welcome cocktail will be organised on the first evening of the Conference at Palazzo dei Congressi, and it will be an opportunity to meet informally with fellow professionals

Conference dinner - evening of Wednesday September 10

The Conference dinner will be served in an evocative location, to be chosen - in accordance to the number of attendees - among one of these: the Cloisters of San Francesco church, the church of Santa Caterina or San Zeno Abbey



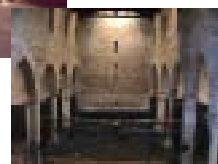
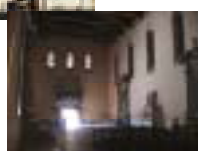
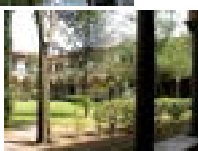
San Francesco



Santa Caterina



San Zeno



Tours for accompanying persons

Guided tours will be available for accompanying persons to the cities of Florence, Lucca, Siena and San Gimignano

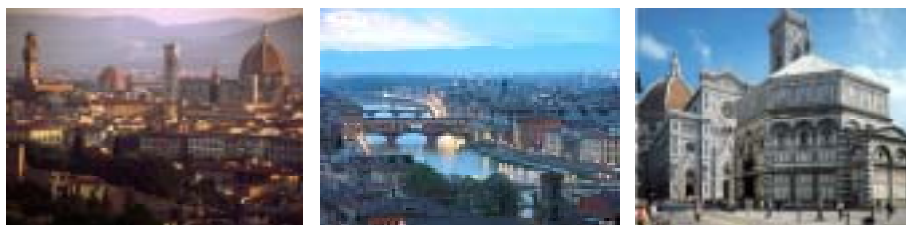
Tuscany's historical and famous natural landscape of cypress trees and vineyards surrounds Pisa in a unique blend of past and present





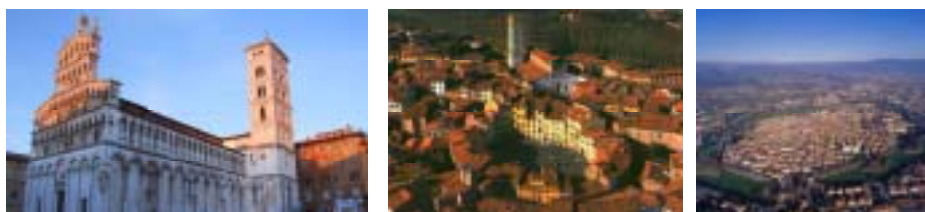
Florence

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.



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.





Siena

Siena - the city of the Palio and the city of the towers are waiting to take you back in time. A journey along the Via Francigena among testimonies from the past, where art and history are the major players. The historical city centre is a UNESCO World Heritage Site and is unique in the world.



San Gimignano

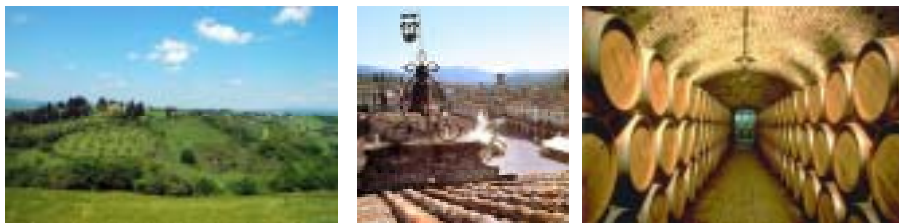
San Gimignano UNESCO World Heritage Site renowned for its unique architecture and breathtaking landscape. The city of beautiful towers, rich in art, history and culture immersed in the green Tuscan countryside opens itself up so visitors can discover its most precious works that tell the tale of their history and identity.





Chianti region

The Chianti territory with its hilly countryside of incomparable beauty lies in the very heart of Tuscany.



Volterra

Volterra is a town of great architectural interest located 1770 feet above the sea level, between the rivers Bra and Cecina. The main features are two fine castles and numerous Etruscan remains.





Theme of the Conference

For the EUROCORR 2012 the organisers propose the theme:

"Improving materials durability: from cultural heritage to industrial applications".

With its unnumerable witnesses of the past, Pisa embodies the concept of durability. However, its statues and monuments – following the natural thermodynamic laws – are subject to degrade through time.

In the same way, for "modern" materials utilised in all technological sectors, the need for durability is a key problem, both from a financial and from a safety point of view.

Scope of EUROCORR 2014 will be to present the state-of-the-art - both from a technical-scientific as well as from a practical application perspective - in the fields of corrosion and protection of materials, starting from the ones used in the past up to the ones destined to modern industry.



Special events for students

YOUNG RESEARCHER FLASH COMMUNICATIONS

A dedicated oral session will offer to young researchers the opportunity of presenting the results of their own research work in 5 min. flash communications. An ad hoc jury will select the three best presentations.

TUTORAL LECTURES

Renowned experts of specific corrosion areas will deliver 1h lectures at didactic level on topics of actual general interest.

SHORT COURSE

Short course devoted to topics of industrial interest and held by renowned experts will be organized within the main congress. The course will be principally addressed to people working in industry, although students and academic people are welcome.





EFC CALENDAR OF FORTHCOMING EVENTS AS OF APRIL 5, 2011

11-13 April 2011 Piotrkow Trybunalski, Poland,	IVth PSK Conference on State-of- the-Art anticorrosion technologies (EFC Event No. 344)	Dr. Agnieszka Krolikowska Instytutowa 1 03-302 Warszawa, Poland E-mail: akrolikowska@ibdim.edu.pl or Dr. Wojciech Sokolski Polish Corrosion Association E-mail: wsok@corrpol.pl Website: www.psk.org.pl/psk/konferencja.php
13-14 April 2011 Jena, Germany,	EuroBioMat European Symposium on Biomaterials and Related Areas	DGM-Deutsche Gesellschaft fuer Materialkunde Senckenberganlage 10 60325 Frankfurt, Germany Tel: 0049-69 75306 747 E-mail: ecaa@dgm.de Website: www.dgm.de/dgm/biomat/
13-16 April 2011 Mons (Hainaut), Belgium	7 th AETOC “Application of Electrochemical Techniques to Organic Coatings” (EFC Event No. 335)	Prof. Marie-Georges Olivier Department of Materials Science University of Mons (UMONS) Rue de l’Epagne, 56 7000 Mons, Belgium Fax: +32 6537 4416 E-mail: marjorie.olivier@fpms.ac.be Website: www.fpms.ac.be
1-6 May 2011 Montreal, Canada	219 th ECS Meeting	The Electrochemical Society 65 South Main Street, Building D Pennington, New Jersey 08534-2839, USA Fax: +1 609 737 2743 E-mail: ecs@electrochem.org Website: www.electrochem.org/meetings
9-11 May 2011 Turku, Finland	9 th Spring Meeting of the International Society of Electrochemistry “Electrochemical Sensors from Nanoscale Engineering to Industrial Applications”	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
17-21 May 2011 Bologna, Italy	7th World Congress Aluminium Two Thousand	Interall Srl Tel: +39-059-282390 Fax: +39-059-280462 E-mail: aluminium2000@interall.it Website: www.aluminium2000.com
8-10 June 2011 Pune, India	WCEM 2011 International Workshop on Engineering, Metallurgy & Corrosion in Military and Marine Applications	Website: www.iwcem.com
21-23 June 2011 Aix-en-Provence, France	5 th Seminar on Cathodic Protection and Associated Coatings (EFC Event No. 336)	Michel Pierre CEFRACOR, Centre Francais de l’Anticorrosion 28 rue Saint-Dominique 75007 Paris, France Fax: +33 1 45 55 90 74 E-mail: info@cefracor.org Website: www.cefracor.org
22-24 June 2011 Mykonos, Greece	CEAF II 2 nd International Conference on Engineering against Fracture	Website: www.met.gr/conference/view_page/1/program

5-8 September 2011 Stockholm, Sweden	EUROCORR 2011 (EFC Event No. 325)	Andrea Köhl DECHEMA e.V., EUROCORR Congress Office, Theodor-Heuss-Allee 25 60486 Frankfurt am Main, Germany E-mail: koehl@dechema.de Website: www.eurocorr.org
11-16 September 2011 Niigata, Japan	62 nd Annual Meeting of the ISE “Electrochemical Frontier for Global Environment and Energy”	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
18-22 September 2011 Las Vegas, NV, USA	NACE Corrosion Technology Week 2011	CaLea McDermott, NACE Headquarters 1440 South Creek Drive Houston, Texas 77084-4906 USA Fax: +1 281-228-6300 E-mail: calea.mcdermott@nace.org Website: www.nace.org
27-29 September 2011 Gent, Belgium	Eurofinish 2011 <i>European trade fair for surface treatment technologies</i>	Flanders Expo, Gent Maaltekouter 1 9051 Gent, Belgium Tel: 0032 9 241 92 11 E-mail: Eurofinish@artexis.com Website: www.eurofinish.be
5-7 October 2011 Bremen, Germany	ECAA 2011 <i>European Conference on Aluminium Alloys</i>	DGM-Deutsche Gesellschaft fuer Materialkunde Senckenberganlage 10 60325 Frankfurt, Germany Tel: 0049-69 75306 747 E-mail: ecaa@dgm.de Website: www.dgm.de/dgm/ecaa
6-8 October 2011 Expo Center Istanbul, Turkey	Paint Expo Eurasia	FairFair GmbH Max-Eyth-Straße 19 72644 Oberboihingen, Germany Website: www.paintexpo.com
9-14 October 2011, Boston, MA, USA	220 th ECS Meeting	The Electrochemical Society 65 South Main Street, Building D Pennington, New Jersey 08534-2839, USA Fax: +1 609 737 2743 E-mail: ecs@electrochem.org Website: www.electrochem.org/meetings
26-28 October 2011 Karlsruhe, Germany	Friction, Wear and Wear Protection <i>European Symposium on Friction, Wear, Wear Protection and Related Areas</i>	DGM Ms. Vera Hausen-Ax Senckenberganlage 10 60325 Frankfurt am Main, Germany Tel: +49-69 75306 758 E-mail: friction_wear2011@dgm.de Website: www.dgm.de/dgm/friction_wear2011/
20-24 November 2011, Perth, Australia	18 th International Corrosion Congress ICC	18 th ICC Congress Secretariat c/o Australasian Corrosion Association Suite 1, 458 Middleborough Road, Blackburn, Victoria 3130, Australia Fax: +61 3 9890 7866 E-mail: conference@corrosion.com.au Website: www.18iccpertth2011.com

11-15 March 2012, Salt Lake City, UT, USA	CORROSION 2012/NACE Conference and Exposition EFC Event	Jackie Hune, NACE Headquarters 1440 South Creek Drive Houston, Texas 77084-4906 USA Fax: +1 281-228-6300 E-mail: firstservice@nace.org Website: www.nace.org
16-19 April 2012 Perth, Australia	10 th Spring Meeting of the International Society of Electrochemistry	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
6-11 May 2012 Seattle, Washington, USA	221 st ECS Meeting	The Electrochemical Society 65 South Main Street, Building D Pennington, New Jersey 08534-2839, USA Fax: +1 609 737 2743 E-mail: ecs@electrochem.org Website: www.electrochem.org/meetings
20-25 May 2012 Les Embiez Island, Var, France	High-Temperature Corrosion and Protection of Metals – HTCPM (EFC Event No. 342)	Dr. Daniel Monceau Institut Camot CIRIMAT ENSIACET 4, allée Emile Monso BP-44362, 31432 Toulouse Cedex 4, France Tel. +33 5 34 32 34 22 E-mail: daniel.monceau@enciact.fr
23-25 May 2012 Washington DC, USA	11 th Spring Meeting of the International Society of Electrochemistry	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
27-31 May 2012 Sorrento, Italy	ASST Symposium VI Aluminium Surface Science & Technology Symposium	Website: www.asst2012.org
18-22 June 2012 Frankfurt am Main, Germany	ACHEMA 2012 EFC Event	DECHEMA e.V. Ausstellungskongresse Theodor-Heuss-Allee 25 60486 Frankfurt am Main, Germany Website: www.achema.de
2-7 September 2012 Prague, Czech Republic	63 rd Annual Meeting of the ISE	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
9-13 September 2012 Istanbul, Turkey	EUROCORR 2012 (EFC Event No. 330)	Prof. Dr. Fuat Cakir Middle East Technical University Metallurgy and Materials Engineering Department Ankara, Turkey Fax: + 90 312 210 2518 E-Mail: korozyon@korozyondernegi.org.tr
17-21 March 2013 Orlando FL, USA	CORROSION 2013/NACE Conference and Exposition EFC Event (no event No.)	Jackie Hune, NACE Headquarters 1440 South Creek Drive Houston, Texas 77084-4906 USA Fax: +1 281-228-6300 E-mail: firstservice@nace.org Website: www.nace.org

17-21 March 2013 Bochum, Germany	12 th Spring Meeting of the International Society of Electrochemistry	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
1-5 September 2013 Estoril, Portugal	EUROCORR 2013 (EFC Event No. 343)	M. F. Montemor Chemical and Biological Engineering Dept. Instituto Superior Técnico Technical Institute of Lisbon Av. Rovisco Pais, 1049-001 Lisbon, Portugal Fax: +351 21 841 97 71 E-mail: mfmontemor@ist.utl.pt
8-13 September 2013 Santiago de Querétaro, Mexico	64 th Annual Meeting of the ISE	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org
31 August-5 Sept 2014 Lausanne, Switzerland	65 th Annual Meeting of the ISE	International Society of Electrochemistry Rue de Sébeillon 9b, 1004 Lausanne, Switzerland Fax: +41 021648 39 75 E-mail: events@ise-online.org Website: www.ise-online.org