

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



BOARD OF ADMINISTRATORS

Nice, France

September 6, 2009

WORKING PAPERS

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WORKING PAPERS

Meeting of the Board of Administrators

of the

European Federation of Corrosion

Nice, France, September 6, 2009

Venue of meeting:

**Nice Acropolis
1, Esplanade Kennedy
F – 06302 Nice
France
Room Gallieni 3**

Date and time of meeting:

Sunday, September 6, 2009 - 14h00

Chairman:

Prof. Philippe Marcus (EFC President)

Secretary:

Mrs Pascale Bridou Buffet (Paris Office)

**EUROPEAN FEDERATION OF CORROSION MEETING
OF THE BOARD OF ADMINISTRATORS, NICE, 6th SEPTEMBER 2009, 14.00**

PROPOSED 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 of BoA
- Item 2 Report by the Chairman of the STAC
- Item 3 EUROCORN Series: 2008 to 2012
 - 3-1 EUROCORN 2008 (Edinburgh) – Detailed Budget Statement
 - 3-2 EUROCORN 2009 (Nice) – Current Status
 - 3-3 EUROCORN 2010 (Moscow) – Progress with Arrangements
 - 3-4 EUROCORN 2011 (Stockholm) – Initial Progress Report
 - 3-5 EUROCORN 2012 (Istanbul) – Preliminary Report on Progress
- Item 4 Finance
 - 4-1 Honorary Treasurer's Report
- Item 5 EFC Activities and Projects
 - 5-1 EFC Strategy Plan Update
 - 5-2 Scientific Secretary's Report
 - 5-3 EFC Publications
 - 5-3-1 EFC Series
 - 5-3-2 EFC Newsletter
 - 5-3-3 Items for Publication in 'Materials and Corrosion'
 - 5-4 EFC Web Site
 - 5-4-1 Demonstration of recent enhancements
 - 5-4-2 Links from the restricted areas of Member Society websites to the restricted "Services for Members" area of the EFC Website
- Item 6 Liaisons with other organisations
 - 6-1 EFC/NACE Collaboration
 - 6-1-1 Meeting of EFC and NACE Presidents in Nice during EUROCORN 2009
 - 6-1-2 Proposed EFC/NACE Conference on Corrosion in Refineries, July 2010
 - 6-1-3 World Corrosion Organisation
 - 6-2 FEMS
 - 6-3 ICC
 - 6-4 ISE
- Item 7 Administrative Matters
 - 7-1 EFC Membership
 - 7-1-1 Simplified Application Form
 - 7-1-2 EFC Affiliates
 - 7-1-3 Status of Applications for EFC Membership
 - 7-1-4 Proposal to form a sub-group of the President's Advisory Committee to consider the Introduction of a new EFC Membership Category for countries with a sub-critical corrosion community
 - 7-1-5 Proposal to introduce an annual EFC Presidents' Evening after the General Assembly
 - 7-2 Proposal to establish a new prize for the best student poster
 - 7-3 Discussion of the need for an EFC Public Relations Officer
 - 7-4 Proposed amendments to the EFC Statutes with regard to the definition of European Member Societies
- Item 8 EFC Calendar of Events
- Item 9 Any other Business
- Item 10 Date and Place of next BoA

WORKING PAPERS OF THE EFC BOARD OF ADMINISTRATORS

Item 01 Opening of the meeting

Philippe Marcus, President of the EFC, chairman of the meeting, will welcome delegates.

Item 02 Apologies for Absence

Pascale Bridou Buffet, Paris Office, will announce apologies for absence.

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

1-1 BoA members will be asked to approve the proposed agenda.

1-2 BoA members will be asked to approve the minutes of the Paris meeting (9 April 2009) and to raise any matters not covered in the present agenda.

Item 3 Report on STAC Activities

Damien Féron, Chairman of STAC, will review progress in the STAC.

Item3 EUROCORR Series: 2008 to 2010

3-1 *Report on EUROCORR 2008 in Edinburgh*

As requested during the spring BoA Meeting in Paris, Willi Meier will present the detailed budget for EUROCORR 2008.

3-2 *EUROCORR 2009 - Nice*

A report on the preliminary results of the forthcoming EUROCORR 2009 in Nice will be presented.

3-3 *Preparations for EUROCORR 2010 - Moscow*

EUROCORR 2010 will be held on 13 – 17 September 2010 in Moscow.

Alexander Muradov will report on the preliminary arrangements for EUROCORR 2010.

3-4 *Preparations for EUROCORR 2011 - Stockholm*

EUROCORR 2011 will be held on 5 – 8 September 2011 in Stockholm.

Inggerd Annergren will report on the preliminary arrangements for EUROCORR 2011.

3-5 *EUROCORR 2012 - Istanbul*

EUROCORR 2012 will be held on 9 – 13 September 2012 in Istanbul.

The organisers will report on the preliminary arrangements for EUROCORR 2012.

Members are reminded that bids to host **EUROCORR 2013** should be submitted in writing to the Scientific Secretary **by 31st December 2009**.

Item 4 Finance

4-1 *Honorary Treasurer's Report*

The Honorary Treasurer will present the EFC Financial Report, which he will distribute to all members of the BoA in advance of the meeting.

BoA Members will be invited to approve the Honorary Treasurer's Report.

Item 5 EFC Activities and Projects

5-1 *EFC Strategy Plan Update*

Appendix 1 provides the last updated version of the EFC Strategic Plan following improvement after the last BoA spring Meeting and Strategic Group Meeting discussions.

The BoA will be invited to approve the adoption of the Plan with immediate effect.

5-2 *Scientific Secretary's Report*

The Scientific Secretary will present his report covering activities since the last meeting (see **Appendix 2**).

The BoA will be invited to approve the Scientific Secretary's Report.

5-3 *EFC Publications*

5-3-1 *EFC Series*

A report will be made about the contacts with Michael Gallico, the managing director of Maney Publications, about the status of discussions concerning the establishment of a one-stop shop for all EFC publications (including those produced by Woodhead) and to encourage him to gain ownership of all books in the series.

Paul McIntyre will report on the situation concerning the publication of EFC 16 (3rd edition) and EFC 52, which were originally scheduled for publication in March 2009, and about EFC 57, the edited manuscripts of which have been with Maney since February.

It should be noted that while previously the Institute of Materials, Minerals and Mining held the copyright to the EFC Series, this now lies with the EFC under the Publishing Agreement of 14 March 2008.

It is proposed that Paul McIntyre shall draft separate flyers for EFC books in each different topic area (giving prices and ordering information), irrespective of the original publisher.

Damien Féron will report on which topics the EFC WP chairmen think would be most attractive for future books in the EFC Series, while bearing in mind that EFC needs to provide both understanding and guidance over the whole of the corrosion field. Consideration of topics beyond the remit of the current EFC WPs should be included.

5-3-2 EFC Newsletter

The Scientific Secretary will review the content of EFC Newsletter No 18.

5-3-3 Items for Publication in “Materials and Corrosion”

Roman Bender will propose items relating to EFC that could be published in “Materials and Corrosion”.

5-4 EFC Web Site

5-4-1 Demonstration of recent enhancements

Roman Bender will demonstrate progress on the development of the EFC Website including:

- the organisation of a new e-mail address at the Frankfurt Office for use by people wishing to contact EFC (e.g. info@efcweb.org) from which enquiries will be forwarded to the most appropriate respondent within EFC.
- a 3-year plan for each Working Party;
- a page explaining differences between International and European members;
- an item about the work of the Scientific Secretary;
- complete lists of previous winners of all EFC Awards;
- a link from the home page to the EFC Flyer;
- the creation of a special page for EFC-sponsored events on the EFC Website;
- the latest version of the EFC Statutes (in English);
- a button in the section on Working Parties for the application form for EFC Event numbers;
- a button on the home page leading to a list of benefits of EFC membership and the simplified application form for membership;
- “Friends of the EFC” as a sub-section of “membership” and offering the opportunity for people to express interest in 1, 2 or 3 WPs;
- a page advertising courses that are organised or co-organised by the EFC Member Societies;
- a page describing the new categories of EFC Affiliate Membership;

5-4-2 Links from the restricted areas of Member Society websites to the restricted “Services for Members” area of the EFC Website

Roman Bender will demonstrate a new restricted area devoted to “Services for Members”.

Each EFC Member Society having a restricted area on its website will be requested to make a link to the EFC webpage devoted to “Services for Members”. Among other things, this will provide access to the contents of the CDs of previous EUROCORR Conferences once one year has elapsed after the event.

Item 6 Liaisons with other Organisations

6-1 EFC/NACE Collaboration

6-1.1 Meeting of EFC and NACE Presidents in Nice during EUROCORR 2009

A meeting between EFC and NACE Presidents is scheduled to take place during the week of EUROCORR 2009.

The EFC President will inform the BoA about the items which will be discussed.

6-1.2 Proposed EFC/NACE Conference on Corrosion in Refineries, July 2010

BoA Members are requested to seek the approval of the General Assembly for the organisation of a joint EFC/NACE meeting on Corrosion in refineries in July 2010. If this is agreed, NACE will be asked to draft the formal agreement over the division of the surplus from the event, as agreed at the meeting between the NACE and EFC hierarchies in Atlanta in March 2009.

6-1.3 World Corrosion Organisation

Progress on EFC/WCO collaboration will be presented by Michael Schütze.

6-2 FEMS

The Scientific Secretary will report recent developments in the Federation of European Materials Societies to BoA members.

6-3 ICC

The situation regarding the ICC Congresses will be discussed in order to avoid two Corrosion Congresses in Europe the same year.

6-4 ISE

The situation regarding the ISE Congresses were already discussed many times in order to avoid the clash of dates for the ISE annual meeting and EUROCORR.

It will be proposed to the BoA that a written agreement to maintain a specified interval between EUROCORR and the ISE Annual Meeting should be discussed with ISE.

Item 7 Administrative Matters

7-1 *EFC Membership*

7-1.1 *Simplified Application Form*

Appendix 3 presents a simplified application form which is proposed for use by organisations wishing to apply for EFC membership.

BoA Members are invited to approve the application form and to consider the introduction of a 50% reduction in contributions payable by new EFC Member Societies during each of the first two years of membership.

Subject to approval by the BoA, these proposals will be submitted to the General Assembly for approval.

7-1.2 *EFC Affiliates*

The creation of a new category of membership entitled “EFC Affiliates” was approved by the BoA at its last meeting in Paris. This is part of a new effort to increase the involvement of the industries in the EFC activities. Subject to the approval of the General Assembly, the new Affiliate Membership category will be available to Companies, Universities and Research Organisations.

The membership fee will be €1,500 for industries and €1,000 for Universities and Research Organisations.

The EFC President will explain why a company would wish to become an Affiliate Member of the EFC when already a member of a national society.

7-1.3 *Status of Applications for EFC Membership*

The representatives from the Frankfurt Office, which is responsible for all aspects relating to EFC Membership, will report progress on the recruitment of new members following previous expressions of interest from societies in Indonesia, Kuwait, Libya and Slovakia.

The Australian Corrosion Association (ACA) also expressed interest in joining EFC. The EFC President will report on progress on the discussions he had with the ACA President, Bradley Dockrill.

Michael Schütze will report on the contact established with Satoshi Ito of the Japan Association for Engineering.

ABRACO (Brazil), INDOCOR (Indonesia), the Philippines Corrosion Society and the Vietnam Corrosion and Metal Protection Association are also understood to be potential candidates for international membership of the EFC. The representatives of the Frankfurt Office will report any progress in establishing contacts with these organisations.

Other organisations have expressed interest in EFC Membership, including NACE-Europe and the Western Australia Corrosion Research Group at Curtin University. BoA Members will be requested to support their applications for membership in the most appropriate categories.

7-1.4 Proposal to form a sub-group of the President's Advisory Committee to consider the Introduction of a new EFC Membership Category for countries with a sub-critical corrosion community

Appendix 4 provides a proposal relating to the formation of a small sub-group of the President's Advisory Committee. This would be charged with responsibility for introducing a new category of EFC Member Society aimed at countries with relatively small corrosion communities which would otherwise be unable to form or maintain a national corrosion society because of difficulty in meeting the administrative costs of doing so.

For example, taking *Syldania* as a fictional example, the proposal would be to form a new society called EFC-Syldania. The secretariat of EFC-Syldania would be provided by one of the three EFC offices, but the registered legal address and the president of the society would be located within *Syldania*. Close contact would be maintained between the society president and the associated EFC office, which would look after administration of the society's membership in an economical way. The members would belong to EFC-Syldania, and would not be individual members of EFC. Once established, this arrangement could become a model that could be copied in other countries.

The sub-group would be given responsibility for introducing the necessary changes to the EFC Statutes and for defining the procedures to be followed in implementing them.

BoA Members are requested to approve the creation of this new sub-group and new category of EFC Member Society.

7-1.5 Proposal to introduce an annual EFC Presidents' Evening after the General Assembly

BoA members are requested to discuss a proposal to organise something special for the presidents of EFC Member Societies (and potential member societies).

During this event, the presidents of the EFC Members Societies would have the opportunity to meet together to discuss matters such as accreditation, membership management, and topics not covered by the EFC WPs that could be shared with EFC. Also, consideration could be given to the possibility of offering help from EFC to those countries that want to form their own corrosion societies but lack the critical mass to do so by developing a suitable support strategy, as discussed in the previous clause.

It is in EFC's interest to preserve the support that exists from its large members while also trying to take care of the small societies. Where small societies are having difficulty in dealing with administrative issues, EFC might be able to help by employing a retired person at one of its offices on a part-time basis to handle such matters for several of them. It would have to be appreciated that the formation of EFC-supported societies in small countries would necessitate a change to the EFC Statutes and thought would have to be given to exactly how small societies can be accommodated within the framework of the EFC with the Federation's support.

This meeting, which could be called "EFC Presidents' Evening" could be organised immediately after the General Assembly on the Monday evening during future EUROCORR Conferences.

7-2 *Proposal to establish a new prize for the best student poster*

In order to increase the participation of students in the activities of the EFC, the BoA will be invited to consider funding a new prize for the best student poster at EUROCORR.

The Working Party Chairmen will also be requested to seek sponsors for student poster prizes in their own fields (as is already the case for WP13 (Corrosion in Oil and Gas Production)). It is anticipated that the winner of the new EFC Student Poster Prize would be selected from the winners of the latter prizes.

7-3 *Discussion of the need for an EFC Public Relations Officer*

BoA Members will be requested to discuss on the need for an EFC Public Relations Officer in order to increase the visibility of EFC.

7-4 *Proposed amendments to the EFC Statutes with regard to the definition of European Member Societies*

Appendix 5 provides the latest revision of the EFC Statutes including several small corrections and a modification to make it clear in the footnote to Article 5.1 that European member societies do not include European branches or subsidiaries of non-European societies, which are eligible for International Membership.

BoA Members are requested to agree on this modification for recommendation of the new Statutes for approval by the General Assembly.

Item 8 EFC Calendar of Events

The Scientific Secretary will introduce an update of forthcoming events in the EFC Calendar, which now includes important non-EFC events (see **Appendix 6**).

Item 9 Any other Business

Members are invited to raise any other matters.

Item 10 Date and Place of next BoA

The next BoA meeting will be held in spring 2009, on a date and in a place to be decided.

APPENDICES

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



STRATEGIC PLAN 2009 – 2013

Revised Draft
(September 2009)

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APPENDIX 1 (Continued)**Introduction**

The strategic plan was designed by the EFC strategy group when Michael Schütze was the President of EFC (2006-2008).

It has been revised and updated during the last meeting of the EFC Strategy Group, held in Nice in June 2009.

The revised and updated version, which includes new items such as a restricted area for “Services to Members” on the EFC web site, is enclosed.

Philippe Marcus
EFC President

European Federation of Corrosion

STRATEGIC PLAN 2009 – 2013

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European Federation of Corrosion STRATEGIC PLAN 2009 – 2013

What is the EFC?

The EFC is a federation of over 30 societies with interests in corrosion based in twenty-five different countries within Europe and beyond. Taken together, its member societies represent the corrosion interests of more than 25,000 engineers and scientists. Founded in 1955, its aim is to advance the science of the corrosion and protection of materials by promoting cooperation in Europe and collaboration internationally. The EFC is registered in Belgium and has secretariats in France, Germany and the UK.

EUROCORR, the EFC's annual conference is the flagship event of the European corrosion calendar. Attracting upwards of six hundred delegates, it is held in a different European country in September of each year. To date 26 of these conferences have been held in 11 different countries and they have become noted for their high technical quality as well as the very enjoyable social programme.

The EFC accomplishes its most important activities through eighteen active working parties devoted to various aspects of corrosion and its prevention. The first working party, WP 1 on Corrosion and Scale Inhibition was established in 1965 while the most recent, working party on Corrosion and Corrosion Protection of Drinking Water Systems was formed in 2007. The working parties help to organise, singly or jointly with other working parties, strong technical sessions at EUROCORR. Other valuable activities include participation in collaborative research and testing programmes, the organisation of courses and workshops, and the preparation of reports, guidelines and proceedings for publication in the highly regarded EFC Series of 'green books' of which there are now over fifty. The working parties are overseen by the Science and Technology Advisory Committee (STAC), to which all of the working party chairmen and six other elected members belong. This is served by a Scientific Secretary, the Federation's only paid employee. Anyone with related interests is free to participate in working party meetings, which usually take place in conjunction with EUROCORR.

Important benefits available to EFC member societies include the opportunity to nominate candidates for the EFC Awards, which include the European Corrosion Medal, the Cavallaro Medal, and the Kurt Schwabe Prize. They can also appoint two voting members to each EFC Working Party and nominate candidates for election to the EFC Board of Administrators, and the STAC. Member societies can also submit bids to host EUROCORR conferences and can influence the direction taken by the EFC by voting at the annual EFC General Assembly. What is more, everyone who belongs to an EFC Member Society qualifies for reduced registration fees at EUROCORR and a 30% discount on the prices of the EFC publications.

The EFC has recently expanded its horizons beyond the confines of Europe by admitting International Members, the first two of which are from Israel. It has also become a founder member of the World Corrosion Organisation, a prime aim of which is to increase public and political awareness of corrosion and to advise governments, industries and communities about corrosion and its mitigation.

Everyone with interests in the EFC's activities is welcome to apply for membership of an EFC Member Society.

In addition, everyone interested in corrosion can become one of the *Friends of the EFC*. *Friends of the EFC* regularly receive information about EUROCORR and other events of importance to the community, publications, scientific activities of the EFC Working Parties, as well as the EFC Newsletter free of charge.

APPENDIX 1 (Continued)**European Federation of Corrosion
STRATEGIC PLAN 2009 – 2013****Vision**

The vision of EFC is to be recognised as the leading representative for professional societies involved in corrosion.

Mission

The mission of EFC is to advance the science and technology of the corrosion and protection of materials by promoting cooperation in Europe and collaboration internationally.

Strategic aims

- 1 Advance the science and technology of the corrosion and protection of materials
- 2 Improve member services
- 3 Increase the international visibility of EFC
- 4 Expand membership numbers to increase influence
- 5 Ensure the long-term future of EFC by:
 - Providing sufficient funding to achieve aims
 - Maximising return from conferences/books
 - Building up reserves

European Federation of Corrosion STRATEGIC PLAN 2009 – 2013

Objectives and performance measures

Strategic aim 1: Increase international visibility of the EFC

	Objectives	Performance measures	Lead Responsibility
1.1	Attract non-European societies as EFC members	See 3.1 and 3.4 below	President
1.2	Collaborate with NACE	Support each others' conferences and publications.	Scientific Secretary
1.3	Continue participation in WCO	Maintain representation on WCO BOA	Past President
1.4	Continued growth of EUROCORR	Increase delegates by 3% pa.	Vice-President

Strategic aim 2: Improve member services

	Objectives	Performance measures	Lead Responsibility
2.1	Improve the efficiency of EFC	Secretariat to introduce measures of efficiency in 2009.	Paris Office
2.2	Improve website - Expand knowledge content - Improve accessibility - Additional links to other useful sites - Monitor website traffic	} } Increase website traffic by 10 % p.a. } }	} } Roman Bender } }
2.3	Provide a restricted area for “Services to Members” on the EFC Website.	Traffic on the restricted area	Roman Bender

Strategic aim 3: Expanding membership

	Objectives	Performance measures	Lead Responsibility
3.1	Increase membership (European and ‘international’ members) by all possible means including publicity via BoA members and the Scientific Secretary at international meetings.	Net increase of one society per year for 5 years.	President
3.2	Issue regular press releases to publicise the activities of the EFC	Issue one press release per quarter in 2009 and one every two months thereafter.	Scientific Secretary
3.3	Do more to engage with industry	Publicise items of relevance to industry, including books, in the EFC Newsletter	Scientific Secretary
3.4	Contact “friends of EFC”	Four times a year by e-mail.	Frankfurt Office

Strategic aim 4: Advance the science and technology of the corrosion and protection of materials

	Objectives	Performance measures	Lead Responsibility
4.1	Encourage sustained production of new books on hot topics	Growth of EFC series by 3 books p.a.	STAC Chairman
4.2	Foster growth of EUROCORR by continuing to improve quality/consistency	Increase delegates by 3 % p.a.	STAC Chairman

Strategic aim 5: Financing the strategic aims

	Objectives	Performance measures	Lead Responsibility
5.1	Improve long-term financial planning	Introduce strategic plan and produce three-year financial forecasts from 2009	Honorary Treasurer
5.2	Introduce index linking of subscriptions	Commence in 2009 using the Eurozone inflation rate	Honorary Treasurer
5.3	Increase reserves to equal the next year's expenditure.	Within five years	President

The person with lead responsibility will need the support of others to achieve the objectives.

APPENDIX 1 (Continued)

**European Federation of Corrosion
STRATEGIC PLAN 2009 – 2013**

Financial projections

	PREVIOUS RESULTS			EST. 2008	STRATEGIC PLAN				
	2005	2006	2007		2009	2010	2011	2012	2013
INCOME									
Subscriptions	29	30	29	32	34	37	40	44	49
Eurocorr	16	0	16	16	17	18	19	19	20
Publishing income	2	1	16	6	6	7	7	7	8
Other income	6	1	1	0	1	1	1	1	1
Total	53	32	62	54	58	63	67	71	78
EXPENDITURE									
Membership services									
Scientific secretary costs	12	10	12	13	13	14	15	15	16
Working party costs	6	4	4	2	2	4	4	4	5
Newsletter	0	2	1	1	2	2	2	2	2
Website	0	0	0	4	4	4	5	5	5
Medals	1	0	1	0	1	0	1	0	1
	19	16	18	20	22	24	27	26	29
Membership/product development									
Membership	0	0	1	0	2	2	2	3	3
Product development	0	0	0	0	1	2	3	4	5
	0	0	1	0	3	4	5	7	8
International visibility									
NACE	3	3	3	4	3	3	3	3	4
WCO	0	0	4	4	4	4	4	4	4
Other costs	0	0	0	0	1	1	1	1	1
	3	3	7	8	8	8	8	8	9
Administrative costs									
Scientific secretary	11	10	12	12	13	14	15	15	16
Paris secretariat	6	6	5	7	7	7	8	8	9
Honorary officers	2	3	2	2	2	2	2	2	3
Sundry expenses	0	0	0	0	0	0	0	0	0
	19	19	19	21	22	23	25	25	28
Other costs	6	0	4	1	0	0	0	0	0
Total	47	38	49	50	55	59	65	66	74
NET SURPLUS/(DEFICIT)	6	(6)	13	4	3	4	2	5	4
Opening reserves	23	29	23	36	40	43	47	49	54
CLOSING RESERVES	29	23	36	40	43	47	49	54	58

**European Federation of Corrosion
STRATEGIC PLAN 2009 – 2013**

Assumptions used in financial projections

1 Subscriptions

It is assumed that subscriptions for full members will be increased by the rate of inflation which has been estimated at 3% pa. It has been assumed that subscriptions for other members will increase to the level of full members within five years. In order to reach this level, it is calculated that these subscriptions will need to increase at an average of 12% pa.

2 Eurocorr and publication income

It has been assumed that both of these sources of income will increase at 5 % p.a. from a 2008 base.

3 Working party costs

It has been recognised that further resources should be expended on this important activity and it has been assumed that expenditure will be increased by 20 % in 2009 and 50 % in 2010 with increases of 10 % p.a. thereafter.

4 Expenditure on achieving strategic objectives

Provision has been included in the projections for the development of membership, products and overseas visibility of €4k rising by 5 % p.a.

5 Other expenditure

It has been assumed that most other expenditure will rise by 5 % p.a. to cover increased costs and extra activity in accordance with the strategic plan.

European Federation of Corrosion SWOT ANALYSIS

STRENGTHS S1 Multidisciplinary S2 International S3 All areas of corrosion covered S4 Flexible, quick to respond S5 High standard of experts/staff S6 Good dissemination of results S7 Strong links to academics, good networking S8 Independence S9 No political interference S10 Well established	OPPORTUNITIES O1 Become truly international (W18) O2 Combine efforts with Member Societies O3 Expand Europe, help with our experience O4 Influence framework programmes O5 Influence UN programmes O6 Develop EUROCORN including industry-oriented topics O7 Provide the EU with experts in corrosion O8 Enhance WP cooperation O9 Introduce education courses/certification courses O10 NACE cooperation
WEAKNESSES W1 EFC is not visible W2 Limited contacts to the EU W3 Over-commitment of the BOA members, not enough time for EFC business W4 Limited budget W5 Conflicting interests with Member Societies W6 No business plan W7 No full-time secretariat/CEO W8 Limited acceptance by industry W9 3 offices – workflow problems W10 Not attractive to young people W11 No personal members W12 Overlap between meetings (reducing this overlap) W13 Very low attendance of Working Party meetings W14 Dormant Working Parties W15 Publication of EFC books W16 Lack of education courses W17 No exhibition at EUROCORN W18 Limited contacts outside Europe	THREATS T1 Shrinking membership/activities T2 NACE/NACE Europe will take over T3 WCO will take over T4 No movement/dynamics (S4, W6, W9) T5 Bankruptcy

APPENDIX 1 (Continued)

European Federation of Corrosion
INITIAL PROPOSED ACTIONS TO OVERCOME WEAKNESSES

SWOT Ref.	Proposed actions	Progress
W1	1 Junior EUROCORR within EUROCORR recruitment forum special rates and packages for students funding 5 minute poster presentation Task Group chaired by Prof. Kálmán	
	2 Flyer “What is EFC?”	Completed
	3 EFC Newsletter, wider distribution	
	4 EFC website: more attractive recruitment forum poster prize announcement up-to-date calendar of events worldwide portraits of institutes etc. electronic newsletter – subscription for electronic newsletter discussion forum	Work commenced
	5 Study the cost of corrosion damage	
	6 Contact industry, call for corrosion problems	
	7 List of experts on the EFC web site	
W2	1 Visit EU officials (Prof. Schütze, Dr. McIntyre, Dr. Meier)	Advice received indicates that this would not be fruitful
	2 Invite EU officials as well as representatives of national funding agencies to EUROCORR as plenary speakers/keynote speakers	
	3 Collect information concerning projects (FP6,FP5)	
	4 RFCS, listed projects	
	5 European Research Council	
W4	1 Increase membership fees	See strategic plan
	2 Increase EUROCORR income	
	3 Increase publication income	
W8	1 Industry-oriented sessions at EUROCORR	

(Annex 2)

**REPORT OF THE SCIENTIFIC SECRETARY TO THE
BOARD OF ADMINISTRATORS (July 2009)**

Since preparing my last report four months ago, I accompanied the EFC President, Vice-President, Past President and other EFC personalities to the NACE CORROSION 2009 Conference and Exhibition in Atlanta, Georgia from 21 - 27 March. I spent some of my time with Roman Bender from the Frankfurt Office looking after the EFC display in the exhibition. This year the EFC stand was located together with the WCO stand next to the NACE display near the heart of the exhibition. There was much interest in the 15 new volumes in the EFC Series that were published by Woodhead during the previous two years. The EUROCORR Conferences being held in Nice this year and in Moscow next year also attracted a great deal of attention. Much of my time in Atlanta was spent in meetings with other members of the EFC delegation and our counterparts from NACE. On 22 March I participated in the NACE/EFC Presidents' Meeting and subsequently prepared the minutes which recorded seven key areas for future cooperation between both organisations. At this meeting it was suggested that I should also attend both the NACE Technical Coordination Committee Planning Meeting on 25 June and the Technical Coordination Committee Meeting proper on 26 March. The NACE TCC is rather like the EFC STAC and both of these meetings provided insight into how NACE operates its Specific Technology Groups. I was impressed by the effort that NACE puts into training its STG Chairmen about how to convene effective meetings, and the use it makes of a Mentor Programme for this purpose. Over lunchtime on 25 March I was invited to a NACE Technical Committees Officer Training Session chaired by Chris Connor at which 26 TEG and STG Chairmen were present and I learned about the procedures used by NACE in preparing standards, conference technical programmes and technical information exchanges. In the evening, of 22 March, Philippe Marcus and I had dinner with Chris Connor, and Tom Weber of NACE's Technical Coordination Committee and others, which provided the opportunity to discuss future joint EFC/NACE publications. It was felt that both organisations could pool resources to prepare corrosion case histories to encapsulate what has been learnt over the past 30 years or so.

A considerable amount of time in Atlanta was spent in connection with the World Corrosion Organisation. This included participation in a pre-meeting of the WCO Board of Administrators on 23 March and in both the WCO BoA and GA on the following day. My term of office as a member of the WCO BoA ended on 24 March but I was then appointed as Secretary to the BoA and I subsequently prepare the minutes of both meetings.

On 8-9 April, I was involved in the EUROCORR 2009 Paper Selection Meeting and the meeting of the EFC BoA in Paris. A highlight of this visit was the opportunity to visit Philippe Marcus's laboratory at ENSCP, where I saw the most impressive (and expensive) collection of electron optical equipment that I have ever come across. I had been involved with the arrangements for the BoA meeting by proposing the agenda and helping the Paris Office to prepare the Working Papers and after the meeting I provided assistance with the production of the minutes.

In May I assisted the Honorary Treasurer by preparing the invoices for the 2009 contributions by the EFC Member Societies, and reminders for the societies that had unpaid bills from 2008 and, in some cases, earlier years.

On 22-23 June, I visited Nice for the meetings of the EFC Strategy Group and the President's Advisory Committee. I drafted the agendas for both meetings and subsequently produced notes and lists of actions for both of them. Over the past year I have helped Ray Milbank with the development of the EFC Strategic Plan and the final touches were put to this in Nice.

APPENDIX 2 (Continued)

I am currently helping the Paris Office with the agendas and working papers for the meetings of the BoA and GA in Nice and will shortly be preparing the working papers for the meeting of the STAC. At the same time I am collecting material for EFC Newsletter No. 18.

The EFC Series has kept me busy with the preparation for publication of manuscripts. There has been some dislocation of book production following the withdrawal of Woodhead last October, but I expect two or three new books from Maney Publishing to be available in time for EUROCORR 2009.

Good news received recently from Damien Féron is that a new EFC Working Party concerned with the value of archaeologically-based corrosion data for predictive purposes (e.g. for nuclear waste containment) has been proposed by Philippe Dillmann, who is organising a Workshop on the same Topic at EUROCORR 2009. I look forward to providing help with the establishment of this group, which will eventually become EFC WP 21.

Paul McIntyre
EFC Scientific Secretary
12 July 2009

**World Corrosion Organisation
Minutes of the General Assembly Meeting
Atlanta Convention Center
Tuesday, 24 March 2009, at 2.00 pm**

1. Welcome

Michael Schuetze, WCO President called the meeting to order at 2.00 pm and welcomed all present. A particularly warm welcome was extended to Dr. Kim of the Korean Corrosion Society, CSSK, which was in the process of joining WCO. Dr. Kim would be saying more about his society's activities at the end of the meeting.

The participants then introduced themselves and an attendance list was circulated (see Annex 1).

Approval of agenda

The proposed Agenda was approved unanimously without change.

Introductory remarks

Michael Schuetze reported that much had been going on in the background during the interval since the previous meeting of the General Assembly in New Orleans.

George Hays, WCO Director General, announced that the Organisation now had 21 General Members in addition to its four Founder Members, representing in total over 50,000 corrosion scientists, engineers and technicians worldwide. Two WCO Affiliates had been enrolled already, but 18 others, each contributing \$500 pa would be needed to support the planned corrosion awareness programme.

Everyone was reminded of WCO's mission and four initial goals, as follows:

Mission: To promote education and best practices in corrosion control for the socio-economic benefit of society, preservation of resources, and protection of the environment.

Goal 1: To raise public awareness of corrosion and corrosion control: to develop and implement a Corrosion Awareness Day that is recognized worldwide in the way we recognize Earth Day. A worldwide Corrosion Awareness Day will help create public awareness of corrosion and what the public – individuals – can do to control it. (ACA);

Goal 2: To identify world best practices in corrosion management: to identify what are the best practices; that is, those practices which should always be used by the industrialized world. However, in many parts of the world, countries lack the resources to put in place what the industrialized world agrees are best practices and determine what would be the best practices most suitable for their socio-economic conditions. (CSCP);

Goal 3: To facilitate the provision of corrosion control expertise to governments, industries, and communities: to work with the International Corrosion Council to make this information available particularly in the developing world. (EFC);

Goal 4: To normalize corrosion-related standards worldwide: to harmonize the standards that are already in use. (NACE).

During the year, major effort had been expended on the development of a Corrosion White Paper to be submitted to the UN with the WCO's application for NGO status. Five WCO Workshops had been organised, in conjunction with the following conferences:

EUROCORR 2008 in Edinburgh;
NACE Corrosion Technology Week 2008 in Salt Lake City;
CSCP 2008 in Beijing;
ICC 2008 in Las Vegas; and
ACA Corrosion & Protection 2008 in Wellington.

A first draft of the White Paper had recently been prepared by Günter Schmitt and was currently under review. The application for NGO Status in UN was to be submitted within 8 weeks, with the aim of participating in UN's Public Affairs and Environmental functions.

2. Elections

George Hays proposed that the current President (Michael Schuetze) and Vice-President (En-Hou Han) should remain in office for a third year, as allowed in the WCO Bylaws, in order to provide stability during this critical period. This motion was approved.

Each of the four Founder Members is represented on the WCO Board of Administrators for four-year terms on a rotating basis. George Hays announced that a scheme for the rotation of the current representatives of the BoA was to be implemented, starting during the current year.

Three members of the Board of Administrators come from the General Members, serving a normal three-year term on a rotating basis. At last year's General Assembly, Ghadyer Al-Summari of the Saudi Engineering Council had been re-elected to serve a full three-year term following the completion of his initial one-year term. George Hays proposed that Amir Eliezer of CAMPI (Israel) should now be re-elected to serve a full three-year term following the completion of his initial two-year term. This motion was approved.

The third representative of the General Members on the BoA, Stuart Lyon of ICorr (UK), would be completing his first full (three-year) term next year and would be unable to rejoin the BoA for a minimum of two years. George Hays stated that one of the General Members would have to be chosen to nominate a successor to Stuart Lyon. The General Members were invited to express their interest in nominating a candidate but only ICorr responded positively. Therefore, ICorr was asked to nominate a successor to Stuart Lyon on the BoA within the next month or so.

APPENDIX 3 (Continued)**3. Membership**

The membership of WCO as of 24 March 2009 is shown in Annex 2. As mentioned earlier, there were 21 General Members as well as the four Founder Members. The Korean Corrosion Society was also in the process of becoming a General Member.

The first two WCO Affiliates were reported to be Tinker and Rasor (USA) and Anode Engineering (Australia).

4. Treasurer's Report

Rhonda Wagner presented the Treasurer's Report.

2007/08 Fiscal Year

For the twelve months ended 30 June 2008 during which there was a deficit of \$3,661 due to the costly legal fees expended in setting up the WCO. Nevertheless, the net assets of WCO at the end of the fiscal year stood at \$10,414.

2008/09 Fiscal Year through February 28 2009

The membership dues collected from the member societies and affiliates for the first eight months of the current fiscal year were well short of the budgeted figures and this had contributed to a deficit of \$1,333 compared with the budgeted surplus of \$600 for the period. It was explained that the budgeted revenue for the year to 30 June 2009 was \$31,900 compared with the budgeted expenditure of \$31,000, leading to a projected surplus for the year of \$900.

5. 2008/09 Budget

It was predicted that for the year ending 30 June 2009 there would be a surplus of \$4,083 and the budget for the following year showed a predicted surplus of \$1,200. In concluding her presentation Rhonda Wagner emphasised that next year contributions totalling \$10,000 will be required from WCO Affiliates to allow the planned expenditure of \$15,000 on programs to be made.

Michael Schuetze expressed gratitude to Rhonda Wagner for her excellent work on behalf of WCO.

6. WCO White Paper

Günter Schmitt introduced his report entitled "Study on Global Needs for Knowledge Dissemination, Research and Development in Materials Deterioration and Corrosion Control (Draft 1)". This summarised the findings from the five workshops referred to previously and included many very good illustrations. It was emphasised that it was primarily aimed at members of the public and politicians so was not a scientific presentation. The people to whom it is aimed sometimes think of corrosion as no more than rust and believe that no life-

APPENDIX 3 (Continued)

limiting problem exists if corrosion is not outwardly visible. In the words of Gerry Frankel “Corrosion is less sexy than other disciplines” and it is generally thought that we know what to do to protect against corrosion. For this reason, the subject tends to be under-represented in academia and there is a need for better education and training.

However, in reality no part of life is unrelated to corrosion. The cost of corrosion to society equates to 3.25 % of the worldwide GDP (which amounts to an estimated \$2.3 trillion per annum) and it is responsible for environmental hazards that could well be life-determining.

Innovative solutions are needed and the WCO Workshops demonstrated the importance of focusing on Industry Needs in the White Paper to be presented to the UN. Attention must also be directed to the dissemination of knowledge on corrosion and corrosion protection since the best estimate is that 25 % of the losses due to corrosion could be saved simply by the more effective implementation of existing knowledge. To achieve these savings it will be necessary to implement better corrosion management practices.

Among the industrial sectors most affected by corrosion are the infrastructure, transport, and energy production. To achieve real progress there is a need for worldwide adoption of best practices in education, training, certification and standards on corrosion (which also have educational value).

Corrosion also affects nutrition and health since cooking pots made from scrap can contain aluminium alloys with 32 % iron, 2.5 % lead, 0.12 % Cd and 10 % Cu. Corrosion occurs whenever food is prepared in such pots and the corrosion products will be contained in the meals.

According to ISO EN 8044, corrosion can also affect the environment, for example due to corrosion products in water.

Corrosion research needs identified by the WCO Workshops include:

- improvements in water conditioning treatments;
- more corrosion resistant structural materials;
- materials for biological implants with better resistance to crevice corrosion;
- pipeline and injection systems to resist CO₂ corrosion in carbon capture plants;

New technologies will also require R&D in connection with the assessment of materials integrity and service life predictions.

Alternative energy sources also require the solution of corrosion problems such as the pitting of aluminium alloys in ASTM Fuel C and the cracking of steels in biofuel. Many severe corrosion threats that will also require materials solutions are also being encountered with tidal, geothermal and offshore wind power plants. Particularly severe corrosion occurs at and below the water line in marine environments.

Nuclear power concerns, whether related to fission, fusion or waste storage pose corrosion problems due to corrosion, especially where the lifetime of plant needs to be extended from 30 years to 60 years.

APPENDIX 3 (Continued)

Innovative materials developments and surface coatings are needed to allow the development of thermal power plants capable of operating at steam temperatures of up to 700 °C. Lightweight materials are needed to achieve reduced fuel consumption in new cars.

Improved maintenance regimes for the infrastructure will be needed, particularly in connection with futuristic building designs such as those that incorporate rotating floors.

The ageing of the current infrastructure is also giving rise to increasing problems due to corrosion, such as the collapse of bridges built from steel or concrete reinforced with steel. In the USA a Bridge Life Extension Act was implemented in 2008. This includes direct cathodic protection and condition based monitoring of bridges. It represents a real step forward and one of WCO's tasks is to extend a similar approach worldwide.

Corrosion is also causing huge problems in water mains. In 2004 the loss of water due to leakage amounted to nearly 30 % of the total in some countries. Major efforts in research and development are needed to provide improved corrosion sensing and monitoring techniques.

The rocketing cost of raw material prices, including those of nickel and molybdenum, means that new metallurgical technologies must be pursued to develop less expensive corrosion-resistant alloys.

The need to exploit deeper, hotter and more polluted oil wells is also posing large corrosion challenges. On the other hand, the pursuit of new alternative and renewable energy sources, such as wave power, windmills and waste combustion are also posing new corrosion threats for which research to develop new materials is needed.

Finally, corrosion is also affecting our cultural heritage, including ceramics, stone and organic materials as well as metals and alloys.

Among the important conclusions of Günter Schmitt's report were that many technological changes with global dimensions must be achieved to satisfy the basic needs of the world's population of 3.3 billion people. These include the more effective dissemination of knowledge on corrosion and protection. There is a need for more research and development on materials, surface protection and other corrosion control methods and the future wellbeing of mankind will depend on innovative solutions being found, including improved measurement techniques and condition based monitoring methods. There will also be a pressing need to improve the materials cycle, with greater emphasis on recycling and disposal.

Michael Schuetze thanked Günter Schmitt for his very impressive report. He stated that at each of the WCO Workshops, which Günter had helped to organise, there had been six or so presentations about the problems being encountered in each part of the world. The White Paper will be submitted to the UN with WCO's application for NGO status in order to provide convincing evidence that WCO can foster the achievement of the UN's goals with regard to quality of life, safety, and the economy.

George Hays proposed that each of the WCO Member Societies should submit the report to the governments in their own country to increase awareness of corrosion.

7. Status of UN NGO Application

George Hays reported that a two-step process has to be followed to gain NGO status with the UN. The first step is to make an initial request to apply for such status. This was submitted by WCO in December 2008 but no response had yet been received and a meeting was to be held during the next week to break the log jam. Once this has been resolved, the second step will be to submit the application (with the report), which must be done in either May or September.

The decision has been made to hold Corrosion Awareness Day on 24 April each year, beginning in 2010. Checks had indicated that this date does not clash with any other major event, and it has the advantage of being only two days after Earth Day. This provides potential to draw a link with damage to the environment as the result of corrosion.

8. WCO Website

The meeting was informed that the WCO Website is run on the NACE server and that it provides information about the WCO and available resources on corrosion, as well as links to the websites of those member societies having them. There are also corrosion videos from the societies in Australia and Kuwait as well as a NACE video that was produced jointly by CCT and NACE. George Hays requested that members should submit any other corrosion videos (or a suitable link) to him for inclusion on the website. He announced that work on a new "Corrosion News" section was also being commenced. This would include, for example, information about the first Corrosion Awareness Day held in Saudi Arabia in June 2008, which attracted 5,000 participants, as well as information about a bridge failure in Minneapolis and a pipeline explosion in Western Australia. He asked for other news stories, good, bad and ugly, to be submitted for uploading to the website.

Wayne Burns said that he had met with Cliff Johnson of NACE to discuss putting a new corrosion video that had been produced for the Department of Defence on the WCO Website. He also reported that work was in progress on a new video on "Corrosion in Action" which would be available in three or four months.

9. New Business

Dr Kim presented information about the Corrosion Society of Korea (CSSK), which was in the process of joining WCO. This was formed in 1971 and had published a journal since 1972. It has 942 ordinary members, together with students and lifetime members, amounting to an overall total membership of 1,389. It runs technical courses on:

- Cathodic Protection;
- Pipelines;
- Coatings;
- Inhibitors;
- Power Plant Corrosion;
- Chemical Plant Corrosion;
- Corrosion in Construction; and
- Galvanising.

APPENDIX 3 (Continued)

Meetings are held twice per year, in spring and autumn and an annual summer course on corrosion takes place in August. Workshops are held in conjunction with the course and in 2008 these concerned Standardisation, Field Training for Shipbuilding, and Cathodic Protection Offshore.

Three journals are published by CSSK: *Corrosion Science and Technology*; *Corrosion and Protection*; and *Metal and Materials International*.

Since 2000, CSSK has been involved in the organisation of international conferences and in November 2009 it will be holding the Asia Pacific Galvanising Conference.

Dr. Kim gave an undertaking that CSSK would do its best to support WCO as a General Member.

10. Next Meeting

The next General Assembly of the WCO will take place in conjunction with the NACE CORROSION Conference in San Antonio, Texas, on 16 March 2010.

11. Adjournment

The meeting was adjourned at 3.30 pm.

Paul McIntyre
16 April 2009

APPENDIX 3 (Continued)

Annex 1: Attendance List

Name	Organization	Email
Michael Schuetze	EFC / WCO	schuetze@dechema.de
Wayne Burns	Australasian Corrosion Association	wayneburns@anodeengineering.com
George Hays	WCO	corrosion.org@gmail.com
Bob Cottis	ICorr	bb.cottis@manchester.ac.uk
Chris Fowler	IOM3	chris.fowler@bodycote.com
Paul McIntyre	EFC	paul.mcintyre@iom3.org
Rhonda Wagner	NACE / WCO	Rhonda.Wagner@nace.org
Amir Eliezer	CAMPI	amir@sce.ac.il
Guenter Schmitt	GfKorr	gue.schmitt@t-online.de
Rudy Hausler	Blade Energy Partners	rudyhau@msn.com
Gary Mazurk	CORTEST/NACE	corrosion@correst.com
Kijoon Kim	CSSK	corr@hhu.ac.kr
Roman Bender	DECHEMA	bender@dechema.de
Masakatsu Ueda	JSCE	ueda-msk@sumitomometals.co.jp
Wen-Ta Tsai	Corrosion Engineering Association of Republic of China (Taiwan)	wttai@mail.naku.edu.tw
Ghadyer A Al-Shammari	Saudi Council of Engineers	ghadyer.shammari@aramco.com
Rolf Gubner	EFC	r.gubner@curtin.edu.au
Gary Whittaker	MTI	garywhit@eastman.com
Jim Goodson	Baker Hughes	jim.e.goodson@bakerhughes.com
Tom Ladwein	Aalen University	Thomas.ladwein@hfw-aalen.de

Annex 2**World Corrosion Organization Membership
as of March 24, 2009****Founder Members**

Chinese Society for Corrosion and Protection
Australasian Corrosion Association
European Federation of Corrosion
NACE International

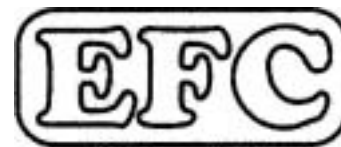
General Members

Materials Technology Institute (USA)
Japanese Association of Corrosion Engineers (Japan)
SSPC: Society for Protective Coatings (USA)
Marine Corrosion Forum (UK)
Libyan Corrosion Society (Libya)
University of Kuwait (Kuwait)
Corrosion Association of Venezuela (Venezuela)
Institute of Corrosion (UK)
Institute of Chemistry (Lithuania)
CAMPI (Israel)
Institute of Materials, Minerals & Mining (UK)
Dechema e.V. (Germany)
KIMAB (Sweden)
The Corrosion Association of Turkey (Turkey)
Gesellschaft für Korrosionsschutz e.V. (Germany)
Asociace Koroznich Inzenyru (Czech Republic)
SVUOM Praha (Czech Republic)
Croatian Society for Materials Protection (Croatia)
Centre Française de l'Anticorrosion (France)
Saudi Council of Engineers (Saudi Arabia)
Corrosion Engineering Association of RoC (China)

Affiliates

Tinker and Rasor (USA)
Anode Engineering (Australia)

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



EFC MEMBERSHIP APPLICATION FORM

The principal objective of the EFC is to contribute to the general advancement of the science of corrosion and the protection of materials by promoting cooperation in Europe between scientific and technical societies and organisations and by collaboration with similar scientific and technical societies and organisations throughout the world.

Subject to the approval of the EFC Board of Administrators and the EFC General Assembly, full membership of the EFC is available to organisations that are not-for-profit and support the above objective, in the following categories:

- 1) European Membership is available within the full member states of the Council of Europe;
- 2) International Membership is available in all other countries (subject to the support of three European Member Societies in good standing*).

EFC Member Societies qualify for a number of important benefits, which include the following:

- Participation by their members in EFC Working Parties as of right;
- Reduced registration fees for their members at the EFC annual EUROCORR Conference;
- Discounted prices to their members on all EFC publications;
- Access by their members to the restricted area of the EFC Website containing EFC Working Party minutes and the electronic proceedings of past EUROCORR Conferences;
- Participation in the EFC General Assembly (with voting rights);
- Opportunities to nominate individuals for the EFC Awards and for election to the EFC Board of Administrators;
- Availability of Affiliate Membership of the World Corrosion Organisation (WCO) at no additional cost subject to the approval of the WCO Board of Administrators and the WCO General Assembly.

In addition, European Member Societies may submit bids to host the EUROCORR Conference.

A reduced membership fee (50 % off) of €763.5 will be offered during the first two years of membership. If you would like to apply on behalf of your society to join the EFC as either a European Member Society or an International Member Society, please complete the form and submit it to one of the three offices of the EFC General Secretariat given below.

Name of Society:

Address:

Tel: **Fax:**

E-mail: **Website:**

President:

Address:

Tel: **Fax:**

E-mail:

Confirmation of Not-For-Profit Status:

I hereby confirm that the above society supports the objective of the EFC, as outlined overleaf, and operates on a not-for-profit basis.

Signed: **Position:**

* This support will be organised on behalf of the applicant by the EFC

London Office:
Institute of Materials, Minerals & Mining
1, Carlton House Terrace
London SW1Y 5DB, UK
Tel: +44 207 451 7336
Fax: +44 207 839 2289

Paris Office:
Fédération Française pour les sciences de
la Chimie, 28, rue Saint-
Dominique, F-75007 PARIS
Tel: +33 (0)1 53 59 02 18
Fax: +33 (0)1 45 55 40 33

Frankfurt Office:
DECHEMA e.V.
Theodor Heuss Allee 25
D-60486 FRANKFURT (MAIN)
Tel: +49 69 7564 143/209
Fax: +49 69 7564 201

**PROPOSAL TO FORM A SUB-GROUP
OF THE EFC PRESIDENT'S ADVISORY COMMITTEE
TO CONSIDER THE ESTABLISHMENT OF A NEW EFC MEMBERSHIP CATEGORY
FOR COUNTRIES WITH LIMITED RESOURCES**

There has been discussion on several recent occasions within the EFC President's Advisory Committee about the evident difficulty that some of the smaller EFC Member Societies are having in maintaining their contributions to the Federation.

It is anticipated that the situation will worsen due to the dwindling number of corrosion scientists and engineers in some countries. Once membership numbers in national corrosion societies fall below a critical number the financial burden associated with routine administrative tasks becomes disproportionately large and the future of the society is threatened. Similar problems are faced by countries with a small population of corrosion specialists when trying to establish a new corrosion society.

The President's Advisory Committee wish to establish a small sub-group to consider what help can be provided by the EFC to alleviate these problems. One suggestion is that one or more of the three EFC Secretariats might be able to provide administrative assistance to new or floundering national societies that are too small to fend for themselves. By reducing the administrative burden faced by small societies it is anticipated that they may be able to flourish under the EFC banner.

The approval of the Board of Administrators to take this idea further is now sought from the BoA.

EUROPEAN FEDERATION OF CORROSION STATUTES

Proposed Revision (*September 2009*) of the version as approved by the General Assembly Freiburg/Germany, 10 September 2007 (*Proposed changes shown in bold red italics and latest alterations in bold blue italics*)

Original in French published in LE MONITEUR BELGE, July 27, 1995
Identification Number: 12698/95

I. NAME, LOCATION, OBJECTIVES, DURATION

Article 1. An international association with a scientific purpose established by its founders¹, in accordance with the Belgian law of October 25, 1919, modified by that of December 6, 1954, named:

"Fédération Européenne de la Corrosion"

"European Federation of Corrosion"

"Europäische Föderation Korrosion"

and hereafter abbreviated to "EFC".

Article 2. The registered office of the EFC is located in a district of Belgium. It is currently located at 11410 Waterloo, avenue des Petits-Champs 4A. It may be transferred to any other place in Belgium by decision of the Board of Administrators, published in the Annex of LE MONITEUR BELGE.

Article 3. The purpose of the EFC, registered as a non-profit organisation, is primarily to contribute to the general advancement of the science of corrosion and of the protection of materials by promoting cooperation in Europe² between scientific and technical societies and organisations devoted significantly to these areas of activity, and likewise collaborate with similar scientific and technical societies and organisations throughout the world. The EFC is established for an indefinite period.

¹ The following are the original founder *member societies* of the EFC:

- Branche Belge de la Société de Chimie Industrielle, Rue Ravenstein, 3, 1000 Bruxelles (Belgium)
- DECHEMA, Deutsche Gesellschaft für Chemisches Apparatewesen e.V. Theodor Heuss Allee 25, Frankfurt am Main (Germany)
- Society of Chemical Industry, 14, Belgrave Square, London SW1 (United Kingdom)
- *Fédération Française pour les sciences de la Chimie*, 28, rue Saint-Dominique, 75007 PARIS (France)

² In this context Europe encompasses all full member states of the Council of Europe

II. MEMBERS

Article 4. The EFC is composed of *Member Societies* (European and International), *Members*, Honorary Members *and Affiliate Members*.

Member Societies (European)

Article 5.1. European³ scientific and technical societies and organisations located within Europe *that* are in pursuance of the advancement, best practice and education of the science and technology of corrosion and its control for the socio-economic benefit of mankind and the well being of the environment. These societies and organisations must be in full compliance with the objectives of **Article 3** of these statutes and must be non-profit organisations.

Article 5.2. All applications for membership must be addressed in writing to one of the offices of the EFC General Secretariat, which shall submit them to the Board of Administrators. On the basis of a report by the latter, the General Assembly shall make the final decision on acceptance or rejection of the application for membership.

Member Societies (International)

Article 6.1. Subject to the recommendation of three European *Member Societies* in good standing, scientific and technical societies and organisations located outside of Europe⁴ *that* are in pursuance of the advancement, best practice and education of the science and technology of corrosion and its control for the socio-economic benefit of mankind and the well being of the environment. These societies and organisations must be in full compliance with the objectives of **Article 3** of these statutes and must be non-profit organisations.

Article 6.2. All applications for membership must be addressed in writing together with the endorsement of three European *Member Societies* to one of the offices of the EFC General Secretariat, which shall submit them to the Board of Administrators. On the basis of a report by the latter, the General Assembly shall make the final decision on acceptance or rejection of the application for membership.

Members

Article 7. *EFC Members are individuals belonging to EFC Member Societies (European and International).*

Honorary Members

Article 8. The General Assembly may confer the title of Honorary Member on any individual having made, in the opinion of the Board of Administrators, a particular contribution to the achievement of the aims of the EFC.

³ Here European means belonging to one of the full member states of the Council of Europe *and excludes European branches or subsidiaries of non-European scientific and technical societies and organisations*

⁴ Scientific and technical societies and organisations located in a country that is not a full member state of the Council of Europe

Affiliate Members

Article 9.1. Affiliate Membership of the EFC is available to organisations which support the purpose of the EFC (see Article 3) on payment of an appropriate annual contribution. Two classes of Affiliate Membership exist; one for Companies and the other for Universities and Research Organisations.

Article 9.2. All applications for Affiliate Membership must be accompanied by details of the applicant and addressed in writing to one of the EFC offices, which shall submit them to the Board of Administrators. On the basis of a report by the latter, the General Assembly shall make the final decision on acceptance or rejection of the application for Affiliate Membership.

Resignations and Exclusions

Article 10. Any ***EFC Member Society or Affiliate Member*** has the right to resign from the EFC. The member must give notice of this decision in writing to one of the three offices of the EFC General Secretariat.

For ***Member Societies and Affiliate Members*** in good standing, resignation becomes effective at the end of the fiscal year in which written notification has been presented. For ***those*** not in good standing, resignation becomes effective within the fiscal year subject to the direction of the Board of Administrators.

Article 11. Any ***Member Society or Affiliate Member which*** fails to respect the obligations devolving upon it by the present statutes may be excluded from the EFC. It is the duty of the Board of Administrators, after hearing the defence of the ***body*** concerned, to report to the General Assembly which has the sole power of decision in the matter.

III. SUBSCRIPTIONS

Article 12. The amount of the annual subscriptions for ***Member Societies and Affiliate Members*** is adopted by the General Assembly on the proposal of the Board of Administrators.

The General Assembly shall approve the manner in which all EFC funds are managed and the disposal of any assets and funds remaining, having honoured all outstanding debts, in the event of dissolution of the EFC.

It is the duty of the Board of Administrators to exercise day-to-day judicious management of EFC funds and assets; and, should it become necessary, recommend to the General Assembly the most appropriate option for dissolution of the EFC.

IV. ADMINISTRATION

Article 13. The EFC is administered and managed by a Board of Administrators hereafter abbreviated to “BoA”.

The BoA shall consist of a President and Vice-President as the most powerful executives of the EFC, the Immediate Past President and twelve administrators all with full voting rights, supported

APPENDIX 6 (Continued)

by the *ex officio* offices of Treasurer and Scientific Secretary who have no voting rights. The twelve administrators shall be drawn from **Member Societies of the EFC** in good standing as follows:

- a. Four administrators, one each nominated by the three countries providing the General Secretariat offices (France, Germany and UK) and one from the country of registration in law (Belgium) of the EFC;
- b. A minimum of three elected administrators drawn from amongst **European Member Societies** in countries other than the countries providing the four administrators in (a);
- c. Subject to satisfying (b), five elected administrators, drawn from amongst the **EFC Member Societies** at large i.e. European and International Member Societies.

The four nominated administrators are subject to ratification by the General Assembly. The nine elected administrators are subject to election by the General Assembly.

Each **EFC Member Society** can nominate one candidate for election in accordance with the above BoA composition with only one administrator from a **Member Society** sitting on the BoA at any one time.

The General Assembly shall endeavour to maintain on the BoA a balance between representatives of industry and academia.

All elected administrators shall serve on the BoA for a period of three years in the first instance. At the expiry of this term of office, they may seek re-election/nomination to serve for one further term (3 years). After that they are not eligible to stand as an administrator until a further term (3 years) has elapsed.

The retiring President shall serve on the BoA as Immediate Past President for a period commensurate with that of the incoming President. Thereafter the Immediate Past President shall step down from the BoA and not be eligible to stand as an administrator until a further term (3 years) has elapsed.

All administrators serve without any form of remuneration from the EFC.

Administrators may be dismissed by the General Assembly by a majority decision of two-thirds of the full members present or represented.

Article 14. The President, the Vice-President and the Treasurer are elected by the General Assembly on a proposal by the Board of Administrators. The terms of office of the President and Vice-President begin at the General Assembly where they are elected. The Scientific Secretary is appointed by the BoA in consultation with the Chairman of the Science and Technology Advisory Committee (STAC).

The President and Vice-President are elected from among the members of the BoA or the STAC. The President shall serve for a period of two years with the possibility of chairing two successive General Assembly meetings and the right to re-election for one further term of office of one or two years.

The President is assisted during his or her term of office by the Immediate Past President and by a Vice-President.

APPENDIX 6 (Continued)

The meetings of the BoA are chaired by the President or if unable to do so then by the Immediate Past President or Vice-President.

Article 15. The BoA must meet at least once a year, whether convened by the General Secretariat or at the request of at least four *of its members* in good standing. However, under normal business arrangements the BoA will meet twice a year with one of the meetings being held during the annual EFC EUROCORN Congress.

An administrator may be represented by a fellow administrator who, however, can exercise only one proxy vote.

The BoA can validly deliberate only if at least half of its members are present or represented.

Article 16. The resolutions of the BoA are adopted by the majority of the administrators present or represented. In the case of equality of votes the President shall first endeavour to find an amicable solution at the meeting that will secure a majority vote; but failing this, the resolution shall be deemed not adopted and required to be revised before being brought back to the BoA.

Resolutions are recorded in the minutes of the meeting by the General Secretariat and communicated to the members of the EFC.

Article 17. The BoA has, among other responsibilities, the duty to review periodically the EFC Statutes, propose bye-laws to the General Assembly and to set up, or approve the creation of, study groups/task forces and working parties.

V. GENERAL SECRETARIAT

Article 18. The work of the EFC is provided by the General Secretariat and is shared between the three member offices of:

- DECHEMA e.V., Frankfurt
- *Fédération Française pour les sciences de la Chimie*, Paris
- The Institute of Materials, Minerals and Mining, London

The General Secretariat administers the following affairs of the EFC:

- Membership
- Finances
- Publications
- Awards
- EUROCORN Congress
- Meetings, working papers and minutes of the BoA and the General Assembly

The registered office of the EFC is in Brussels solely to satisfy the requirements of Belgian Law, under which the EFC is constituted, and provides no general secretariat function.

VI. GENERAL ASSEMBLY

Article 19. The General Assembly is fully empowered to ensure the accomplishment of the objectives of the EFC.

The General Assembly is composed of representatives of all **Member Societies** in good standing. Honorary Members **and Affiliate Members** may attend General Assembly meetings in a consultative capacity but have no voting rights on any matters dealing with the business of the EFC.

The following are notably reserved to the competence of the General Assembly:

- Admission or exclusion of **Member Societies and Affiliate Members**;
- **Conferment of Honorary Membership**;
- Election, removal or replacement of administrators;
- Adoption of the budget, adoption of a system of subscriptions, eventual creation of special funds;
- Approval of accounts;
- Changes in the structure of the General Secretariat;
- Adoption of bye-laws;
- Modification of the Statutes;
- Dissolution of the EFC;
- Election of a President, a Vice-President and a Treasurer;
- Election/ratification of administrators.

Article 20. The General Assembly meets *ipso jure* once a year in a place and at a time set by mutual agreement by the BoA.

The General Assembly may also be convened for an extraordinary meeting at any time the BoA may deem necessary. In such an event, the meeting shall take place at any location determined by the BoA.

Article 21. The General Assembly is chaired by the EFC President or an alternate from either the Immediate Past President or Vice-President.

The calls to **Member Societies and Affiliate Members** and the agenda of the meeting, written by the BoA, are dispatched by the General Secretariat at least thirty days before the date of the meeting.

Article 22. **Member Societies** in good standing may be represented at the General Assembly by a fellow **Member Society** in good standing acting as proxy. However, a **single Member Society** may not hold more than three proxy votes.

The General Assembly, unless provision to the contrary is stipulated by law or in these statutes, may validly deliberate only if half of its **Member Societies** are present or represented. In the event of this condition not being fulfilled, another General Assembly shall be convened, within three months, and shall validly deliberate, irrespective of the number of **Member Societies** present or represented. The exceptions to this are where considering changes to the EFC Statutes and dissolution of the EFC **or the dismissal of an administrator when** Article 23 applies in determining the required attendance.

APPENDIX 6 (Continued)

In the event of it proving difficult to arrange a further meeting within 3 months, a postal or electronic vote can be sought by the BoA, administered by the General Secretariat, on any pressing resolution pending from the prior non-quorate General Assembly meeting.

Article 23. In all cases, resolutions are adopted by a simple majority of the **Member Societies** in good standing present or represented, and subsequently notified to all **Member Societies**. The exceptions to this are:

- Dismissal of an administrator which requires a majority decision of two-thirds of the **Member Societies** present or represented;
- Changes to the EFC statutes or dissolution of the EFC when Article 24 of these statutes shall apply in determining the required attendance and majority vote.

It is not possible to deliberate on any substantive item that is not on the main agenda and detailed in the supporting working papers for the meeting.

Resolutions of the General Assembly are recorded in the minutes written by the General Secretariat and communicated to the **Member Societies**.

Article 24.

Without prejudice to Article 5 of the Belgian law of 25 October, 1919, any proposal to modify the statutes or dissolve the EFC must proceed from the BoA or from at least four **Member Societies**, representing different countries.

The BoA must notify the **Member Societies** of the EFC at least three months in advance of the date of the General Assembly meeting which will rule on the aforesaid proposal.

A change in the statutes or move to dissolve the EFC can only be passed by a General Assembly meeting with at least two-thirds of **Member Societies** in good standing in attendance or represented. Such a resolution can then only be passed by a two-thirds majority of the **Member Societies** in attendance or represented.

If the General Assembly meeting in question has not convened two thirds of the EFC **Member Societies**, a further General Assembly shall be called at the earliest opportunity when this condition can be met. In the event of it proving difficult to arrange a further meeting within a reasonable period of time, a postal or electronic vote can be sought by the BoA, administered by the General Secretariat. The two-thirds participation/majority voting requirement given above again applies.

Modifications to the statutes shall become effective only after approval by Royal Decree and after due respect of the relative conditions of publication stipulated by article 3 of the Belgian law of October 25 1919.

The General Assembly shall finally approve the mode of dissolution and winding up of the EFC having first sought direction from the BoA on the options available.

VII. REPRESENTATION

Article 25. All acts binding the EFC with regard to third parties, of either financial or legal nature, which are not part of day-to-day business, shall be signed jointly by three administrators duly empowered to act accordingly on a case-by-case basis by the BoA.

Article 26. Lawsuits, whether as plaintiff or defendant, are pursued through due action and proceedings by the BoA represented by an administrator appointed by the BoA.

VIII. GENERAL PROVISIONS

Article 27. All matters for which no provision is made in the present statutes, notably with regard to publications in LE MONITEUR BELGE, shall be conducted in accordance with Belgian law.

Approved by:

1. Ph. Marcus, Paris (France) EFC President
2. CEBELCOR
A. Pourbaix, Bruxelles (Belgium)
3. DECHEMA e.V.
G. Kreysa, Frankfurt (Germany)
4. THE INSTITUTE OF MATERIALS, MINERALS AND MINING
B. A. Rickinson, London (United Kingdom)
5. *Fédération Française pour les sciences de la Chimie*
J. P. Berge, Paris (France)

EFC Calendar of Forthcoming Events

6-10 September 2009 Nice, France	EUROCORR 2009 "Corrosion: from the Nanoscale to the Plant" (EFC Event No. 310)	M. Pierre, CEFRACOR 28 rue Saint-Dominique, 75007 Paris France Fax: +33 1 45 55 90 74 E-mail: info@cefracor.org Website: www.cefracor.org
13-16 September 2009 Waikoloa Hawaii	Titanium 2009 - 25 th Annual Conference and Exhibition of the International Titanium Association	Jennifer Simpson International Titanium Association (ITA) 2655 West Midway Blvd., Suite 300. Broomfield, CO 80020-7186 USA Fax: ++1 303 404 9111 E-mail: conference@titanium.org Website: www.titanium.org
14-19 September 2009 Cambridge UK	Advances in Corrosion Protection by Organic Coatings	Prof. David Scantlebury Corrosion and Protection Centre School of Materials University of Manchester, Sackville Street P.O. Box 88, Manchester, M60 1QD, UK Fax: +44 (0)161 306 4865 E-mail: david.scantlebury@manchester.ac.uk
16-17 September 2009 Manchester UK	50 th Corrosion Science Symposium	Dr. Nicholas Stevens Corrosion and Protection Centre, University of Manchester, Sackville Street, PO Box 88, Manchester, M60 1QD, UK Fax: +44 (0)161 306 4865 E-mail: nicholas.stevens@manchester.ac.uk
16-17 September 2009 Dillingen/Saar Germany	Dillinger Pressure Vessel Colloquium	Anja Demmerath Aktien-Gesellschaft der Dillinger Hüttenwerke, Werkstraße 1, D-66763 Dillingen/Saar, Germany Fax: ++49 6831 4799 3450 E-mail: anja.demmerath@dillinger.biz
30 September - 2 October 2009 Frankfurt am Main Germany	Workshop on Solutions for High Temperature Corrosion Protection in Energy Conversion Systems (EFC Event No. 321)	Prof. Michael Schütze/Ms Sabine Sporleder DECHEMA e.V. Theodor-Heuss-Allee 25 60486 Frankfurt am Main, Germany Fax: +49 (0) 69 7564 176 E-mail: ssporleder@dechema.de Website: events.dechema.de/efcws09
4-9 October 2009 Vienna Austria	216 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
12-15 October 2009 Ostend Belgium	International Pipeline Technology Conference	Rita Peys Technologisch Instituut vzx Desguinlei 214, BE 2018 Antwerp, Belgium Fax: ++32 3 216 0689 E-mail: annie.dewit@ti.kviv.be Website: www.pipeline2009.com

18-21 October 2009 Manila Philippines	15 th Asian-Pacific Corrosion Control Conference (APCCC15)	Ms. Lyn Tabangoura Mapúa Institute of Technology Muralla St. Intramuros, Manila, 1002 Philippines Fax: ++632 837 2925 E-mail: secretariat@apccc15.com Website: www.apccc15.com
26-27 October 2009 Athens Greece	Design and Operation of Bulk Carriers	Conference Department RINA, 10 Upper Belgrave Street London SW1X 8BQ Fax: +44 (0) 20759 5912 E-mail: conference@rina.org.uk
26-29 October 2009 Weimar Germany	Magnesium: 8 th International Conference on Magnesium Alloys and their Applications	Anja Mangold Magnesium 2009 Conference Office Deutsche Gesellschaft für Materialkunde Senckenberganlage 10 D-60325 Frankfurt am Main, Germany Fax: +49 69 75306 733 E-mail: magnesium@dgm.de Website: www.dgm.de/magnesium
27-29 October 2009 Birmingham UK	Surface World with CORREX 2009	Nigel Bean Hill Media Ltd., Marash House, 2-5 Brook Street Tring, Hertfordshire, HP23 5ED, UK Fax: ++44 1442 823400 E-mail: nigelbean1@aol.com Website: www.surfaceworldshow.com
9-11 November 2009 Benghazi Libya	7 th Libyancorr 2009	Libyan Corrosion Society Al Awkaf Building, Sidi Saied Str., P.O. Box 15128, Benghazi, Libya Fax: ++218 61 9080244 E-mail: lcs@ltnet.net Website: www.libyancorr.net/corr7th/index.html
10-12 November 2009 Maastricht The Netherlands	Stainless Steel World Conference and Exhibition	Elisa Hannan Corporate Events & Event Marketing Manager Stainless Steel World Conference & Exhibition 2009 P.O. Box 396, NL-7200 AJ Zutphen The Netherlands Fax: ++31 575 511 099 E-mail: e.hannan@kci-world.com Website: www.stainless-steel-world.net
15-18 November 2009 Coffs Harbour, NSW Australia	Corrosion & Prevention 2009	Australasian Corrosion Association ACA Centre, P.O. Box 112 Kerrimuir, Victoria, Australia, 3129 Fax: ++61 3 9890 7866 E-mail: conference@corrosion.com.au Website: www.corrosion.com.au
25-29 November 2009 Częstochowa Poland	14 th Symposium "New Achievements in Corrosion Research and Engineering" (EFC Event No. 327)	Professor Henryk Bala Department of Chemistry Częstochowa University of Technology Częstochowa, PL 42-200, Poland Fax: ++48 34 3250602 E-mail: hnala@mim.pcz.czyst.pl

14-17 December 2009 Ras Sudr Egypt	The 28 th Annual Conference “Corrosion Challenges in Industry”	Prof. Ibrahim Zaki Selim Conference Secretary General National Research Centre, Cairo, Egypt Fax: ++202 3586 2155 E-mail: info@egycorr.org Website: www.egycorr/28conf2009
14-17 February 2010 Manama Kingdom of Bahrain	13 th Middle East Corrosion Conference and Exhibition	Conference Secretariat Bahrain Society of Engineers P.O. Box 835, Manama Kingdom of Bahrain Fax: ++973 178 27475 E-mail: bseng@batelco.com.bh rizwan@mohandis.org Website: www.mecconline.org/registration.htm
14-18 March 2010 San Antonio, Texas USA	CORROSION 2010/NACE Conference and Exhibition	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
19-22 April 2010 Prague 2329 Czech Republic	Corrosion and Protection of Materials 2010 (EFC Event No. 322)	Prof. Ing. Vladimír Cihál, DrSc. SVUOM Ltd. , V Sarackem udolí CZ-164 00 Prague, Czech Republic Fax: ++420 235 355 854 E-mail: biba@svuom.cz
25-30 April 2010 Vancouver Canada	217 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
3-6 May 2010 Columbus, Ohio USA	8 th Spring Meeting of the International Society of Electrochemistry “Advances in Corrosion Science for Lifetime Prediction and Sustainability	International Society of Electrochemistry Rue de Sébeillon 9b, CH-1004 Lausanne Switzerland Fax: ++41 21 648 39 75 E-mail: events@ise-online.org Website: http://spring10.ise-online.org
9-12 May 2010 Gdansk Poland	EDEM 2010 - International Conference on Environmental Degradation of Engineering Materials	EDEM 2010 Conference Secretariat Faculty of Mechanical Engineering Gdansk University of Technology 11/12, Narutowicza str., 80-952 Gdansk Poland Fax: +48 58 3471815 E-mail: edem2010@pg.gda.pl Website: www.edem2010.pl
25-28 May 2010 Freiburg Germany	Superalloys - European Symposium on Superalloys and their Applications	Vera Hausen Deutsche Gesellschaft für Materialkunde e.V. Senckenberganlage 10, 60325 Frankfurt, Germany Fax: ++49 (0) 69 75306 733 E-mail: superalloys@dgm.de Website: www.dgm.de/superalloys

6-11 June 2010 Carvoeiro, Algarve Portugal	EIS 2010 - 8 th International Symposium on Electrochemical Impedance Spectroscopy	EIS 2010 Secretariat Instituto Superior Técnico Av. Rovisco Pais, 1049-001 Lisboa Portugal Fax: (+351) 218 419 771 E-mail: eis2010@eis2010.org Webpage: http://www.eis2010.org/
8-10 June 2010 Lviv Ukraine	X International Conference and Exhibition “Corrosion-1010” (EFC Event No. 328)	Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine 5 Naukova Str., 79601 Lviv, Ukraine Fax: ++380 322 63 15 77 E-mail: corrosion2010@ipm.lviv.ua
28 June - 2 July 2010 Bruges Belgium	4 th International Workshop on Long Term Prediction of Corrosion Damage in Nuclear Waste Systems (EFC Event No. 329)	Bruno Kursten SCK-CEN, Environment, Health and Safety Institute (EHS) R&D Waste Packages Unit, Boretang 200, B-2400 Mol, Belgium Fax: ++32 14 32 35 53 E-mail: bkursten@sckcen.be Website: www.sckcen.be
13-17 September 2010 Moscow Russia	EUROCORR 2010 (EFC Event No. 324)	Andrea Köhl DECHEMA e.V., EUROCORR Congress Office, Theodor-Heuss-Allee 25 60486 Frankfurt am Main Germany Fax: ++49 69 75 64 299 E-mail: koehl@dechema.de www.efcweb.org/Events
26 September - 1 October 2010 Nice France	61 st Annual Meeting of the ISE “Electrochemistry from Biology to Physics”	International Society of Electrochemistry Rue de Sébeillon 9b, CH-1004 Lausanne Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org Website: http://event10.ise-online.org
3-5 October 2010 Orlando, Florida USA	Titanium 2010 - 26 th Annual Conference and Exhibition of the International Titanium Association	Jennifer Simpson International Titanium Association (ITA) 2655 West Midway Blvd., Suite 300. Broomfield, CO 80020-7186 USA Fax: ++1 303 404 9111 E-mail: conference@titanium.org Website: www.titanium.org
10-15 October 2010 Las Vegas, Nevada USA	218 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
14-18 March 2011 Houston, Texas USA	CORROSION 2011/NACE Conference and Exhibition	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

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, CH-1004 Lausanne Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org
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 Fax: ++49 E-mail: koehl@dechema.de Website: www.efcweb.org/Events
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, CH-1004 Lausanne, Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org
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
18-22 March 2012 Seattle, Washington USA	CORROSION/2012 NACE Conference and Exhibition	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
2-7 September 2012 Prague Czech Republic	63 rd Annual Meeting of the ISE	International Society of Electrochemistry Rue de Sébeillon 9b, CH-1004 Lausanne, Switzerland Fax: ++41 021648 39 75 E-mail: events@ise-online.org
9-13 September 2012 Istanbul Turkey	EUROCORR 2012 (EFC Event No. 330)	Prof. Dr. Mustafa Doruk Middle East Technical University Metallurgy and Materials Engineering Department, Room No. B-307 Ankara, TURKEY Fax: + 90 312 210 2518 E-Mail: korozyon@korozyondernegi.org.tr