

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



BOARD OF ADMINISTRATORS

Granada, Spain

September 27, 2002

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
Granada, Spain, September 27, 2002

Venue of meeting: **Congress Hall
Paseo del Violon - s/n
18006 GRANADA
Spain**

Room number 9: ANDALUCIA I

Date and time of meeting: **September 27, 03:00 pm**

Chairman: **Mr Don Harrop (EFC President)**

Secretary: **Ms P. Bridou (Paris Office)**

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

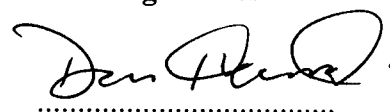
Granada, 27th September 2002

ATTENDANCE LIST

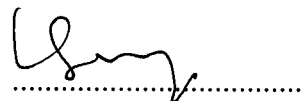
Signatures

As President of EFC:

Mr. Don HARROP (United Kingdom),



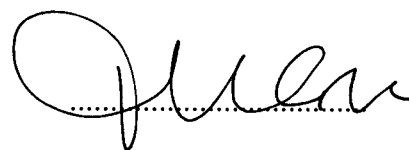
Dr. Ph. BERGE (France),



Prof. Dr. P. L. BONORA (Italy)

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Prof. J. M. COSTA (Spain)



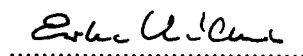
Prof. J. H. W. DE WIT (Netherlands)

Excused

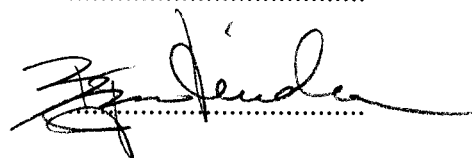
Prof. Dr. B. ISECKE (Germany)



Prof. Dr. E. KÁLMÁN (Hungary)



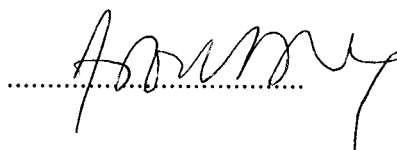
Dr. B. LINDER (Sweden)



Dr. A. V. MURADOV (Russia)

.....

Dr. A. POURBAIX (Belgium)



EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

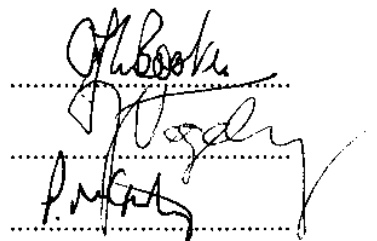
London, 26 April 2002

EX OFFICIO REPRESENTATIVES

Dr. C. BOOKER (United Kingdom), As Treasurer

Dr. J. VOGELSANG (Germany), As Chairman of the STAC

Dr. P. McINTYRE (United Kingdom), As Scientific Secretary



GENERAL SECRETARIAT

Frankfurt Office:

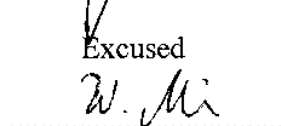
Mrs. B. JOST

Prof. Dr. G. KREYSA

Dr. W. MEIER



Excused



London Office:

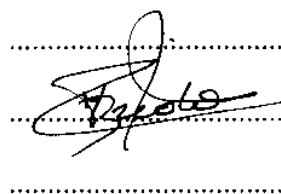
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Paris Office:

P. BRIDOU

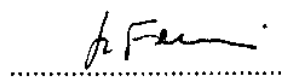
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GUEST(S) :

MÁRIO FERREIRA

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**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS**

GRANADA, 27 September 2002, 03:00 pm

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 on STAC Activities
- Item 3 EFC Working Party Development
 - 3-1 Reactivation of WP 2
 - 3-2 New Proposal for WP 18 on “Tribo-Corrosion”
 - 3-3 STAC Membership Rules
- Item 4 Role of the EFC in Certification
 - 4-1 Progress on Mentor C: Proposal on Training and Certification
 - 4-2 Report on Workshop on Certification in Aix en Provence, EFC Event n° 253
- Item 5 Liaisons with other organisations
 - 4-1 EFC/NACE Collaboration
 - 4-2 FEMS
- Item 6 EUROCORR Series
 - 6-1 The Future of EUROCORR
 - 6-2 EUROCORR 2001
 - 6-3 EUROCORR 2003
 - 6-4 EUROCORR 2004
 - 6-5 EUROCORR 2005
 - 6-6 EUROCORR 2006
- Item 7 Finance
- Item 8 EFC Activities and Projects
 - 8-1 Scientific Secretary's Report
 - 8-2 EFC Newsletter
 - 8-3 EFC Publications
 - 8-4 EFC Web Site
- Item 9 EFC Calendar of Events
- Item 10 EU funding of EFC Activities
 - 10-1 Procedures to be adopted in dealing with future EFC/EU contracts
 - 10-2 Opportunities for EU support for EFC under the 6th Framework Programme
 - 10-3 EFC Registered Office
- Item 11 Any other Business
- Item 12 Date and Place of next BoA

UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS

Item 01 Opening of the meeting

Mr. Harrop, 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 members of BoA:

Prof. J.H. de WIT, Netherlands,
Prof. Dr. G. KREYSA, Germany.

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 London meeting (26 April 2002) were approved as a correct record.

Item 2 Report on STAC Activities

Dr Jörg Vogelsang, Chairman of STAC, explained that in a break from the usual procedure, reviews of progress from each Working Party Chairman had been postponed to the end of the meeting of STAC that had taken place during the morning of 27 September. This had ensured plenty of time for the discussion of three important topics, as follows:

2-1 EFC Web Site

The EFC WP Chairmen had expressed keenness to contribute to the EFC Web Site hosted by DECHEMA and attention had focussed on identifying their requirements and how these could best be met. Deadlines had been agreed for the provision of materials by the WPs for presentation on the web site. These were endorsed by the BoA.

2-2 Collaboration between Working Parties

Good collaboration between EFC Working Parties with related interests will ensure the technical success of future EUROCRR conferences. Particular attention will be paid to the organisation of strong sessions that are attractive to industry, and specific “hot topics” will be defined for each event. The need for clear guidance from BoA on the organisation of EUROCRR was identified by STAC and it was agreed that the three EFC Secretariats should collaborate over the preparation of new guidelines.

2-3 *NACE proposal on Collaboration*

NACE International has drafted proposals relating to collaboration with EFC over the organisation of EUROCORR 2003 and 2004, and the STAC had been invited to comment on these proposals. STAC did not in favour the involvement of NACE in the organisation of the EUROCORR exhibition, as had been suggested in the proposals.

STAC recommended that the technical sessions at EUROCORR should be organised by the local organiser with help and participation from STAC in defining of the main topics. Furthermore, it was concluded that in view of its relevant experience, and in order to ensure continuity between successive events, help should be sought from DECHEMA in the organisation of future exhibitions at EUROCORR.

Item 3 EFC Working Party Developments

3-1 *Reactivation of WP2 (Corrosion and Protection of Steel Structures)*

Following criticism of his original proposal to reactivate WP2 at the meeting of STAC in Rival del Garda on the grounds that the objectives and terms of reference were insufficiently precise and covered too broad a field, Professor Darowicki has decided to postpone the inaugural meeting which was originally planned to take place in June 2002. Instead, he proposed to hold the inaugural meeting during 2003 and in the meantime to hold a meeting of Polish construction engineers and industrial designers to discuss the questions at issue.

Professor Darowicki wants to focus more on the design, construction and renovation of metal structures. He has suggested 11 possible topics of interest (see Appendix 1 of the Working Papers).

This proposal was discussed during the BoA meeting. Support was expressed for the reactivation of WP2 provided that its goals are very specific and, where possible, short term. It was agreed BoA should be represented at Professor Darowicki's next meeting in order to help to define the focus of this Working Party.

3-2 *New Proposal for WP18 on "Tribo-Corrosion"*

The proposal by Dr Ponthiaux of Ecole Centrale Paris, Chairman of the CEFACOR Commission on Tribo-corrosion, to form a new EFC WP on Tribo-corrosion was included as Appendix 1 in the Working Papers for the meeting of BoA in London on April 26th.

An enquiry among the EFC Member Societies had since been initiated by the Scientific Secretary to seek nominees to participate in the inaugural meeting on 23 September 2002 in Granada. Written support for the formation of WP18 had been received from EFC Member Societies in Belgium, Netherlands, Norway, Portugal, Sweden, UK, and Yugoslavia. This exceeded the requirement for support from societies in at least four European countries laid down in the EFC Bye-Laws.

The inaugural meeting, on 23 September 2002 in Granada, was attended by sixteen delegates, including eleven members of EFC Member Societies from Belgium,

France, Italy, Germany, Switzerland and UK. The Scientific Secretary presented the unconfirmed minutes of the inaugural meeting (see **Appendix 1**).

The aim of WP 18 would be to make the industrial and academic worlds aware of the problems and possible synergies between:

- Corrosion (electrochemical loads), and
- Wear (mechanical loads) acting on metals.

It had been agreed that seven Task Forces would be established, each with its own chairman, as follows:

Task Force 1	Science and Technology Watch – Volkmar Neubert, DN Institute.
Task Force 2	Inventory of Centres of Activity – Margaret Stack, University of Strathclyde.
Task Force 3	Inventory of present and future industrial needs and scientific knowledge to be developed in tribo-corrosion, bio-tribology, and nano-materials tribo-corrosion – Dieter Landolt, EPFL, Lausanne, Switzerland.
Task Force 4	Establishment of Specific R&D Actions – Dr Stefano Mischler, Swiss Federal Institute of Technology, LMCH MXC, 1015 Lausanne, Switzerland.
Task Force 5	Standardization – Alfons Fischer – University of Essen, Germany.
Task Force 6	Knowledge Dissemination, Education and Training – Lidea Benea, University “Dunarea de Jos” of Galati, Romania.
Task Force 7	Sustainable Growth – Claude Cabrillac, CEFRACOR.

WP 18 proposed also the contribution of papers for EUROCORR 2003 and 2004.

Approved by the STAC, the BoA recommended the establishment of EFC WP 18 on Tribo-Corrosion for approval by the GA.

3-3 *STAC Membership Rules*

At the last meeting of the BoA it was decided that the EFC Bye-Laws relating to STAC membership (clause 15.1) should be revised to include all WP Chairmen as full members of STAC (with voting rights) and to reduce the number of elected members from 9 to 6, with emphasis being given to people from industry. An action was placed on the Scientific Secretary to propose a suitable revision to the EFC Bye-Laws.

The proposed revision of clause 15.1 was given in Appendix 2 of the Working Papers.

At the suggestion of the EFC President, Mr. Don Harrop, paragraph 2 of the Proposed Revision was changed as follows:

Chairmen of EFC Working Parties are full members with the same voting rights as elected members for the period of their office.

Appendix 2 presents the final version of the Proposed Revision of Clause 15.1 of the EFC Bye-Laws.

The BoA approved this revision and recommended it for acceptance by the General Assembly.

Subject to its approval by the GA, it was decided that the change of voting rights for WP Chairmen should take effect immediately while the change of elected members should take place in 2004 when the next elections to STAC are to be held.

Item 4 Role of the EFC in Certification

4-1 Progress on Mentor-C Proposal on Training and Certification

A brief summary of the project was included in Appendix 3 of the Working Papers. This draws attention to the fact that delays have been incurred because as of 31st July three of the seven partners had not signed their sub-contracts. Those who had not signed include CoRI, DECHEMA and NACE. In the case of DECHEMA this was because its administrators would not sign the sub-contract until they had seen the main contract between KU Leuven and the EU. The Scientific Secretary has requested that a copy of the contract should be forwarded to DECHEMA as soon as possible.

The second Project Management meeting for Mentor-C had been scheduled to take place in Granada on Thursday 26 September 2002, but it was cancelled and postponed until 28 November.

4-2 Report on Workshop on Certification in Aix en Provence, EFC Event n° 253

A brief report on the Workshop in Certification in Aix en Provence, EFC Event n° 253, was presented in the Working Papers (see *Item 4-2*).

The Scientific Secretary announced the receipt of the first 40 % of the money from EC to support the Congress on Certification (10,000€ of 25,000€) but the final contract would have to be renegotiated in order to allow EC Funds to be used to provide assistance with both the registration fees for students and others of limited means from EU countries and associated states, and the simultaneous translation.

It was agreed that in future EFC should have a role to play in homogenising activity within the official bodies concerned with certification in the fields of cathodic protection and coatings. The President suggested that views should be sought from the chairmen of the EFC Working Parties on Cathodic Protection and Coatings (M. Roche and L. Fedrizzi, respectively) as to how this should best be achieved.

Item 5 Liaisons with other organizations

5-1 EFC/NACE (National Association of Corrosion Engineers) Collaboration

Appendix 3 presents the draft of an agreement on cooperation between EFC and NACE which had been prepared by NACE, and forwarded by e-mail to the Scientific Secretary a few days before the BoA meeting. It was agreed that some minor changes would be required to make this acceptable to the EFC. The EFC President and Scientific Secretary undertook to propose these changes and to

circulate an amended version of the agreement to BoA Members for comment before sending it back to NACE. The EFC President expected that the agreement could be signed during March 2003 during the NACE meeting in San Diego.

5-2 FEMS (*Federation of European Materials Societies*)

The aim of MatNet is to establish a lively network to promote and facilitate communication and cooperation between the ten participating societies, of which the EFC is one. To do so, two main Work Packages have been established: Work Package A concerned with structural materials, and Work Package B on functional materials.

The EFC is involved in Work Package A and it had emerged that delays had arisen because the Co-ordinator of the work package, Prof. Y. Bréchet, had resigned. He had been succeeded by Prof. H.-P. Degischer of the Technical University of Vienna and progress was being made once more.

At a meeting in Vienna on 21 June 2002, it was decided to establish Topical Groups on Complex Damage Mechanisms, Design and Composites, and High Temperature and Reactive Environments. It had been confirmed that the EFC project, to establish a network on materials problems in waste incineration, which was proposed by Professor H. J. Grabke, would form the cornerstone of the latter group.

Prof. Grabke had decided to hold a preliminary meeting during November in Belgium in conjunction with the current EU-sponsored PREWIN project on waste incineration problems. At that meeting plans would be made to hold a MatNet project workshop in April or May 2003.

Item 6 EUROCORR Series

6-1 *The Future of EUROCORR*

The preliminary views of the EFC President on the future of EUROCORR were presented at the previous BoA meeting in London on 26th April 2002 (see Clause 3-1 and Appendix 3 of the Minutes).

During a meeting of the EFC Task Force held in Paris during July, it was indicated that DECHEMA would be willing to participate behind the scenes in the organisation and promotion of future EUROCORR conferences.

Appendix 4 provides the EFC President's proposal for the organisation of EUROCORR from 2006, with the division of responsibilities between the 4 different parties working for the success of EUROCORR:

- ❖ The **National Society**, selected to organise the conference, will have responsibility for:
 - the Venue and Local Arrangements,
 - the Congress Themes,
 - the Technical Programme,
 - the Social Programme,
 - the Publicity (with the help of DECHEMA),
 - the promotion of the exhibition to the National Exhibitors.

- ❖ The **Working Parties** will be involved in the selection of Papers and Posters, and in proposing meetings of the Working Parties.
- ❖ The **BoA and STAC**, will define the Award venue and EFC Awards, and select the winners of these awards, since these prizes are specific to the EFC.
- ❖ Due to its experience and technical possibilities, **DECHEMA** could be in charge of:
 - the Paper Submission Procedure,
 - the Refereeing Process (with the collaboration of the Working Parties),
 - the Delegates' Registration,
 - the Production of the CD and/or Abstracts Book,
 - the Exhibition (in collaboration with the National Host Society),
 - the Overall Finances.

DECHEMA could also:

- be the Point of Contact for General EUROCORR Enquiries,
- manage the EUROCORR Central Database: Attendees and Exhibitors,
- manage EUROCORR Pages on the EFC Website,
- undertake Electronic Promotion (Mail Shots).

This new organisation for EUROCORR will encourage:

- the holding of Working Party meetings in conjunction with EUROCORR events,
- strengthening of the exhibition,
- the success of EUROCORR and its financial contribution to the EFC budget.

On the basis of this new division of responsibilities, the Guidelines for EUROCORR have to be reviewed before a recommendation is submitted to the GA for approval.

This new organisational approach could begin for EUROCORR 2006, but Portugal could already take into account this advice for the preparation of EUROCORR 2005.

6-2 EUROCORR 2001

The EFC President presented the results of EUROCORR 2001 from a summary provided by AIM in a communication from Dr Madaschi, the General Secretary of AIM.

The 276 participants in EUROCORR 2001 were distributed as follows:

- 74 delegates,
- 152 speakers,
- 6 students,
- 25 organisers.

Although the event had attracted only 226 paying delegates, AIM had paid the full EFC levy due for EUROCORR 2001 of €4,500.

6-3 *EUROCORR 2003*

The First Announcement and Call for Papers was circulated in spring 2002 (Appendix 5 of the Working Papers) and the main theme of **EUROCORR 2003**, to be held in Budapest, Hungary, on **28 September - 2 October 2003** is “**Bridge between Academy and Industry**”.

Mrs Kálmán reported that a meeting of the International Scientific Committee for EUROCORR 2003 had taken place in Granada.

She also explained that Hungary is working hard to provide EUROCORR 2003 with a very good exhibition, which will be organised without reliance on assistance from NACE.

6-4 *EUROCORR 2004*

EUROCORR 2004 will be held in France, at the Acropolis Congress Centre in Nice, on **12 - 18 September 2004**, and will be co-organised by both of the French EFC Member Societies, CEFACOR and SCI. The general theme will be “**Prediction and Modelling of Corrosion**”.

A preliminary meeting of the International Scientific Committee was organised by Philippe Marcus, EUROCORR 2004 Chairman, during ICC in Granada.

Appendix 5 presents the first Announcement, which was circulated in September 2002.

6-5 *EUROCORR 2005*

EUROCORR 2005 will be held in Lisbon, on **9 - 13 October 2005**.

Prof. Mario G.S. Ferreira indicated that the next ICC meeting is due to take place in Beijing, China, during September 2005.

6-6 *EUROCORR 2006*

At the time of the BoA meeting, no bid for EUROCORR 2006 had been received by the Scientific Secretary. The EFC President expressed the belief that the UK would bid for EUROCORR 2006.

Members were reminded that all bids to host EUROCORR 2006 should be submitted in writing to the Scientific Secretary **by 31st December 2002**.

Item 7 **Finance**

The EFC Accounts for 2001 and the proposed budget for 2003 were included in Appendix 6 of the Working Papers. The Honorary Treasurer also reported that the anticipated deficit for the current year should be only in the order of €2,500 in view of the fact that the EUROCORR 2001 levy of €4,500 that had been received recently from AIM.

BoA approved the Honorary Treasurer's report and recommended it for approval to the General Assembly.

Item 8 EFC Activities and Projects

8-1 *Scientific Secretary's Report*

The Scientific Secretary's report, covering activity since the last meeting of BoA in London on 26 April, was presented in Appendix 7 of the Working Papers.

BoA approved the Scientific Secretary's Report.

8-2 *EFC Newsletter*

EFC Newsletter No. 12 was distributed in Granada and is also available on the www.EFCWEB.org web site.

8-3 *EFC Publications*

Appendix 8 of the Working Papers presented the new editions of existing books and four new titles currently in preparation in the EFC Series.

8-4 *EFC Web Sites*

In order to increase the value of the EFC web site (www.EFCWEB.org), it was agreed that Working Party Chairmen would be encouraged to propose contributions to the EFC Web Site.

Mr Meier presented possible developments of the Web Site, which could include:

- a calendar of events,
- access to the 3 General Secretariats,
- a list of the Working Parties with the name of the Chairman,
- direct links with EFC Member Societies.

It was also agreed that DECHEMA would provide guidelines to WP Chairmen in order to help them in the preparation and homogenisation of their contributions to the web site with the aim of including them on the web site early 2003.

BoA Members are also invited to have a look on the web site and send remarks and/or recommendations to Mr. Meier.

Item 9 EFC Calendar of Events

An update of forthcoming events in the EFC Calendar, which now includes important non-EFC events, was included as Appendix 9 of the Working Papers.

Item 10 Administrative Matters

10-1 Procedures to be adopted in dealing with EFC/EU contracts

During the BoA meeting in April 2002, in London, it was agreed that the EFC President and the Scientific Secretary would examine the Mentor-C Model Contract between the Contractor (K. U. Leuven) and each Partner, and provide direction to BoA on what action, if any, is needed to discharge its responsibilities in connection with future EU Contracts to which EFC is a Partner.

A meeting took place on 10 July where it was decided to recommend that in future, contracts between the EU and the EFC should be signed on behalf of the EFC by three members of the Board of Administrators. This course of action reflects Article 23 of the EFC Statutes:

“All acts binding the Federation 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 Board of Administrators.”

The Board approved this proposal.

10-2 Opportunities for EU support for EFC under the 6th Framework Programme

At the EFC Task Force meeting in Paris during July, Mr Meier presented a Working Document entitled “Supporting the Cooperation and Coordination of Research Activities Carried out at National or Regional Level (The “ERA-NET” Scheme)”. Appendix 10 of the Working Papers provided a brief summary of the 12-page document, which had been circulated by the European Commission’s Research Directorate to generate an open discussion on ways to improve the cooperation and coordination of research activities in the 6th Framework Programme. There could be funding possibilities for the EFC since money will be available to establish 70 networks of experts concerned with the structuring of research in Europe, such as the experts belonging to the EFC Working Parties.

Mr Meier emphasised that Working Parties could apply to ERA-NET and undertook to send to all WP Chairmen the document for application.

10-3 EFC Registered Office

At the last meeting of BoA Mr Pourbaix kindly offered to allow the EFC to use the address of CEBELCOR as its registered office, following difficulties encountered with the address of Branche Belge de la SCI. The President had gratefully accepted this offer.

Following financial difficulties, Branche Belge had informed EFC that it would be unable to continue its membership. Due to the lack of payment of EFC contributions for several years, BoA agreed to recommend to the GA that Branche Belge should be expelled from EFC Membership.

The BoA also agreed the transfer of the official EFC address from Branche Belge to CEBELCOR (Ave. Paul Héger, grille no. 2, B-100 Brussels) for official

documents only. This information will be transmitted by the EFC President to the “Journal Officiel” for registration, and will be published on the EFC Web Site.

Item 11 Any other Business

None.

Item 12 Date and Place of next BoA

The next BoA meeting will be held on Monday 24 February at DECHEMA in Frankfurt.

A P P E N D I C E S

**Draft Minutes of the Inaugural Meeting of EFC WP18: Tribo-Corrosion
Granada, Spain, 23 September 2002**

Present:

Jean-Pierre Celis (CEFRACOR)	KU Leuven, Belgium
Pierre Ponthiaux (CEFRACOR)	Ecole-Centrale Paris, France
Lidia Benea (CEFRACOR)	University "Dunarea de Jos" of Galati, Romania
Lorenzo Fedrizzi (AITIVA)	University of Rome "La Sapienza", Italy
Vincent Feruel	EPFL, Lausanne, Switzerland
Antonio Forn	Politechnical University of Catalonia, Spain
Jacques Galland (CEFRACOR)	Ecole-Centrale Paris
José Ramos Gomes	University of Minho, Portugal
Dieter Landolt (CEFRACOR)	EPFL, Lausanne, Switzerland
Paul McIntyre (IoMMM, ICorr)	European Federation of Corrosion, London, UK
Gemma Mendosa Moreno	TEKNIKER, Eibur Guipuzkoa, Spain
Volkmar Neubert (GfKorr)	DN Institute, Clausbal-Zellerfeld, Germany
Luis Augusto Rocha	University of Minho, Portugal
Stefano Rossi (AITIVA)	University of Trento, Italy
Margaret Stack (ICorr, IoMMM)	University of Strathclyde, UK
Jörg Vogelsang (GfKorr)	Sika Technology AG, Switzerland

Apologies:

Philippe Marcus (CEFRACOR)	ENSCP, Paris, France
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INTRODUCTION

Paul McIntyre, the EFC Scientific Secretary, welcomed delegates to the meeting. He outlined the requirements for the formation of a new EFC Working Party. The proposal has to receive support from EFC Member Societies in at least four different countries. In the case of WP18, support for the proposal prepared by Messrs. Ponthiaux and Celis had already been received from seven EFC countries: Belgium, Norway, Portugal, Sweden, The Netherlands, UK and Yugoslavia, in addition to France. The inaugural meeting was attended by sixteen delegates, including eleven members of EFC Member Societies from Belgium, France, Italy, Germany, Switzerland and UK (for full details see Annex 1).

Dr McIntyre explained that, following the inaugural meeting, the proposal would be forwarded, with the minutes of the inaugural meeting, for approval by the EFC STAC on 27 September, and for final approval by the General Assembly on 28 September.

In completing his introduction, Dr McIntyre enumerated the official aims of the inaugural meeting, as specified in the EFC Bye-Laws and Directives to Working Parties.

Appendix 1/2PROVISIONAL MEMBERSHIP LIST

Professor Celis reported that expressions of interest had been received from 12 industrial concerns, 11 research centers and 20 universities, in 19 European countries, including those listed in Annex 2. Another 8 people had come to the Inaugural meeting.

TECHNICAL AND SCIENTIFIC SCOPECharter

Professor Celis explained that the purpose of WP18 would be to make the industrial and academic worlds aware of the problems and possible synergies between:

- Corrosion (electrochemical loads), and
- Wear (mechanical loads) acting on metals.

Topics

A survey of European research centers, industries, universities and EFC Member Societies had evoked 42 responses, with interest expressed in particular topics, as follows:

- Tribo-corrosion in general (36)
- Lifetime prediction of components/materials in tribo-corrosion (27)
- Tribo-corrosion in nano-materials (21)
- New ways of lubrication (20)
- In-situ monitoring of tribo-corrosion (19)
- Bio-tribology (16)
- Environmental and/or health hazards of tribo-corrosion (12)

Potential fields of application

- Transportation (automotive, trucks, aeronautics, ships)
- Energy production
- Electronics (connectors, MEMS)
- Implants (hip, prostheses, dentistry, knee joints)
- Offshore Industry
- Materials processing (ferrous and non-ferrous alloys and composites, ceramics, nanomaterials, tribo-reactive materials and magnetic materials)
- Defense (helicopters)
- Machining and shaping of materials (e.g cutting fluids)
- Lubrication (environmentally friendly products, additive-free nanolubricants)
- Paints and varnishes

• **Appendix 1/3**

APPOINTMENT OF A CHAIRMAN AND SCIENTIFIC SECRETARY

Dr McIntyre presided over the election of a chairman and scientific secretary for WP8. Professor Celis was nominated as Chairman of WP18 and was elected unanimously.

Dr Ponthiaux was nominated as the Scientific Secretary of WP18 and was also elected unanimously.

MODUS OPERANDI OF THE WORKING PARTY

It was agreed that seven Task Forces would be established, each with its own chairmen, as follows:

Task Force 1. Science and Technology Watch – Volkmar Neubert, DN Institute

Task Force 2. Inventory of Centers of Activity – Margaret Stack, University of Strathclyde

Task Force 3. Inventory of present and future industrial needs and scientific knowledge to be developed in tribo-corrosion, bio-tribology, and nano-materials tribo-corrosion – Dieter Landolt, EPFL, Lausanne, Switzerland

Task Force 4. Establishment of Specific R&D Actions – Dr Stefano Mischler, Swiss Federal Institute of Technology, LMCH MXC, 1015 Lausanne, Switzerland

Task Force 5. Standardization – Alfons Fischer – University of Essen, Germany

Task Force 6. Knowledge Dissemination, Education and Training – Lidea Benea, University “Dunarea de Jos” of Galati, Romania

Task Force 7. Sustainable Growth – Claude Cabrillac, CEFRA COR

It was decided that work in each of the task forces would begin as soon as WP18 had been finally approved by the General Assembly, with the aim of being able to contribute papers to a session on Tribo-Corrosion to be held during EUROCORR 2004 in Nice. For that event, it was proposed by Professor Celis that papers in 4 topic areas should be sought, as follows:

- Basic Testing of Tribo-corrosion
- Technological Testing of Tribo-corrosion
- Monitoring of Tribo-corrosion
- Industrial Case Histories of Tribo-corrosion

It was also agreed that whatever else is available should be presented at EUROCORR 2003 in Budapest.

Appendix 1/4REQUIREMENTS FOR A QUORUM

It was agreed unanimously that a minimum of four delegates would be required to make future meetings of WP18 quorate.

MINUTES OF THE INAUGURAL MEETING

The EFC Scientific Secretary undertook to produce minutes of the inaugural meeting and to present them at the forthcoming meetings of the Science and Technology Advisory Committee and the General Assembly.

FUTURE MEETINGS

It was decided that during the early life of WP18 there should be two meetings per year.

DATE AND PLACE OF NEXT MEETING

The next meeting of WP18 will take place during March 2003 at a date and place to be arranged. Dr. Volkmar Neubert has volunteered to organize that meeting in Germany.

Dr Paul McIntyre
EFC Scientific Secretary
25 September 2002

ANNEX 1: ATTENDANCE LIST FOR THE INAUGURAL MEETING OF EFC WP 18 “TRIBO-CORROSION”

NAME	EFC MEMBER SOCIETY	ADDRESS	E-MAIL ADDRESS
Jean-Pierre Celis	CEFRACOR	KU Leuven, Kasteelpark, Arenberg 44, B3001 Leuven, Belgium	jean-pierre.celis@mtm.kuleuven.ac.be
Pierre Ponthiaux	CEFRACOR	Ecole-Centrale Paris, Grande Voie des Vignes, 92295-Chatenay-Malabry Cedex, France	pponthia@ecp.fr
Lidia Benea	CEFRACOR	University of Galati “Dunarea de Jos”, 6200 Galati, 47 Domnească Street, RO 6200, Romania	lidiabd@yahoo.com
Lorenzo Fedrizzi	AITIVA	University of Rome “La Sapienza”, Via Eudossiana 18, 00184 Rome, Italy	lorenzo.fedrizzi@uif.unitn.it
Vincent Feruel		EPFL, 1015 Lausanne, Switzerland	vincent.feruel@epfl.ch
Antonio Forn		Politechnical University of Catalonia, Light Alloys and Surface Treatments Design Centre, Avde. Victor Balaguer s/n, 08800 Vilanova 1 La Geltrú, Spain	antonio.forn@upc.es
Jacques Galland	CEFRACOR	Ecole-Centrale Paris, Grande Voie des Vignes, 92295-Chatenay-Malabry Cedex, France	kgalland@ecp.fr
José Ramos Gomes		University of Minho, Department of Mechanical Engineering, 4800-058 Guimarães, Portugal	kgomes@dem.uminho.pt
Dieter Landolt	CEFRACOR	EPFL, 1015 Lausanne, Switzerland	dieter.landolt@epfl.ch
Paul McIntyre	IoMMM; ICorr	European Federation of Corrosion, 1 Carlton House Terrace, London SW1Y 5DB, UK	paul.mcintyre@iom3.org
Gemma Mendosa Moreno		TEKNIKER, Av. Olaola No. 20, Eibur Guipuzkoa, Spain	gmendoza@tekniker.es
Volkmar Neubert	GfKorr	DN Institute, Freiburger Str. 1, D38678 Clausthal-Zellerfeld, Germany	volkmar.neubert@tu-clausthal.de
Luis Augusto Rocha		University of Minho, Department of Mechanical Engineering, 4800-058 Guimarães, Portugal	lrocha@dem.uminho.pt
Stefano Rossi	AITIVA	University of Trento, Department of Engineering Materials, Via Messiano no. 77, 38100 Trento, Italy	stefano.rossi@ing.unitn.it
Margaret Stack	ICorr, IoMMM	Department of Mechanical Engineering, University of Strathclyde, 75 Montrose St., Glasgow G1 1XJ, UK	m.m.stack@mecheng.strath.ac.uk
Jörg Vogelsang	GfKorr	Sika Technology AG, Tüffenwies 16, CH-8048 Zürich, Switzerland	vogelsang.joerg@ch.sika.com

ANNEX 2: EXPRESSIONS OF INTEREST IN THE FORMATION OF AN EFC WORKING PARTY ON TRIBO-CORROSION

Belgium

Prof. Jean-Pierre Celis, Katholieke Universiteit Leuven - Dept. MTM, Kasteelpark Arenberg 44, B-3001, Belgium

Dirk Drees, Falex Tribology NV, Technologielaan 11-0001, B-3001 Leuven, Belgium

Ir. Antoine Pourbaix, Cebelcor, Avenue Paul Héger, grille 2, B1000, Brussels, Belgium

Czech Republic

Prof. Ludovit Dobrovsky, Faculty of Metallurgy and Materials Engineering, VŠB - Technical University of Ostrava, 17, listopadu 15, CZ - 708 66 Ostrava Poruba, Czech Republic

Denmark

Per Kjeldsteen, Danfoss A/S, Danfoss Technology Centre, CS-T L7-S48, DK 6430 Nordborg, Denmark

Estonia

Prof. Jakob Kübarsepp, Tallin Technical University, Ehitaajate tee 5, 19086 Tallin, Estonia

France

G. Berthollon, Framatome ANP Centre Technique, Departement Hydraulique-Mecanique, Porte Magenta - B. P. 181, 71205 Le Creusot Cedex, France

Vicent Mori, Commissariat à l'Energie Atomique, CEA-Caderache, Bâtiment 727, DEN/CAD/DTP/STH/LHC, 13108 Saint Paul Lez Durance, France

Maurice Poudrai, Critt Meca, Les Algorithmes, Bâtiment Euclide, 91194 Saint Aubin Cedex, France

Marcel Roche, TotalFinaElf SA, Tour Michelet A1309, 92069 Paris La Défence cedex, France

Daniel Treheux, ECL/STMS/IfoS-UMR 5621, 36 Avenue Guy de Collongue, 69134 Ecully Cedex, France

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Bernard Vannes, ECL/STMS/IfoS-UMR 5621, 36 Avenue Guy de Collongue, 69134 Ecully Cedex, France

J. Ph. Vernot, Framatome ANP Centre Technique, Departement Hydraulique-Mecanique, Porte Magenta - B. P. 181, 71205 Le Creusot Cedex, France

Pierre Ponthiaux, Ecole Centrale Paris (lab. CFH), Grande Voie des Vignes, 92295 Châtenay-Malabry cedex, France

François Wenger, Ecole Centrale Paris (lab. CFH), Grande Voie des Vignes, 92295 Châtenay-Malabry cedex, France

Germany

Dr Franz J. Gammel, EADS Corporate Research Centre, Dept. LG-SC, Post fach 800465, 81663 München, Germany

Dr Meyer Meinhard, EADS Corporate Research Centre, Dept. LG-SC, Post fach 800465, 81663 München, Germany

Prof. Volkmar Neubert, DN-Institut, Freiburger Str. 1, 38678 Clausthal, Germany

Dr Gernot Repphun, Robert Bosch GmbH, Postfach 106050, D-70049 Stuttgart, Germany

Matthias Scherge, IAVF Antriebstechnik, Im Schlebert 32, 76187 Karlsruhe, Germany

Greece

Dr Spyridon Economou, PyroGenesis S.A., Technological Park of Lavrion, Athens-Lavrion Ave., 195 00 Lavrion, Greece

Prof. Christos Ftikos, National Technical University of Athens, Department of Chemical Engineering, Heroon Polytechniou 9, Athens GR-15773, Greece

Hungary

Prof. Erika Kálmán, Hungarian Corrosion Society, HUNKOR, Pusztaszeri út 59-67, H-1025 Budapest, Hungary

Italy

Prof. Pier Luigi Bonora, Laboratory of Industrial Corrosion Control, Dept. of Materials Engineering, University of Trento, 38050 Mesiano Italy

Appendix 1/8

Prof. Lorenzo Fedrizzi, University of Rome “La Sapienza”, Via Eudossiana 18, 00184 Rome, Italy

Norway

Prof. Einar Bardal, Norwegian State University of Science and Technology (NTNV),
Department of Machine Design and Materials Technology, Rich. Birkelands v. 2b, N-7491
Trondheim, Norway

Poland

Prof. Jan Cwajna, Silesian University of Technology, Department of Material Science,
Krasińskiego 8, PL-40 019 Katowice, Poland

Romania

Dr Alexandra Banu, University Politehnica Bucharest, Spaliul Independentei 313 - IMST
Faculty - TCM Department, Bucharest 6, RO-77206, Romania

Dr Lidia Benea, Dept. of Metallurgy and Materials Science, University “Dunarea de Jos” of
Galati, 47 Domnească St., RO-6200 Galati, Romania

Prof. Constantin Gheorghies, University “Dunarea de Jos” of Galati, 47 Domnească St., RO-
6200 Galati, Romania

Prof. Octavian Radovici, University Politehnica Bucharest, Spaliul Independentei 313 - IMST
Faculty - TCM Department, Bucharest 6, RO-77206, Romania

Slovenia

Dr Mitjan Kalin, University of Ljubljana, Centre for Tribology and Technical Diagnostics,
Bogišičeva 8, SI-1000 Ljubljana, Slovenia

Spain

Dr Juan Damborenea, National Centre for Metallurgical Research (Cenim), Dept. Corrosion
and Protection, Avda. Gregorio del Amo 8, 28040 Madrid, Spain

Iñaki Garcia Diego, National Centre for Metallurgical Research (Cenim), Dept. Corrosion and
Protection, Avda. Gregorio del Amo 8, 28040 Madrid, Spain

Dr Amaya Igartua, Fundation TEKNIKER, Avda, Otaola, 20, 20600 Eibar, Spain

Appendix 1/9**Switzerland**

Prof. Dieter Landolt, Swiss Federal Institute of Technology, LMCH- Materials, 1015 Lausanne, Switzerland

Dr Stefano Mischler, Swiss Federal Institute of Technology, LMCH MXC, 1015 Lausanne, Switzerland

Claude Riener, Sulzer Orthopedics Inc, P.O. Box 65, CH-8404 Winterthur, Switzerland

UK

Prof. Margaret Stack, University of Strathclyde, 75 Montrose Street, Glasgow G1 1XJ, UK

Dr Robert J K Wood, University of Southampton, School of Engineering Sciences, Highfield, Southampton SO17 1BJ, UK

Prof. Anne Neville, Heriot - Watt University, Dept. Mechanical and Chemical Engineering, Edinburgh EH14 4AS, UK

Appendix 2

Proposed Revision of Clause 15.1 of the EFC Bye-Laws (changes are shown in bold):

15.1 Membership of the Science and Technology Advisory Committee

Four groups of people may attend meetings of the Science and Technology Advisory Committee, as follows:

1 Elected members

The General Assembly shall elect **six** members from names submitted by Member Societies having Full Member status. The Frankfurt Office will issue a call for nominations at least six months before the date of the General Assembly at which the election is to be made. The nominations should be submitted by the Frankfurt Office to the BoA who will examine the list of candidates to ensure that at least five European countries will be represented in the list for submission to the General Assembly. The BoA may not withhold any name from the list but will seek to obtain further nominations from Member Societies if the "five country representation" requirement is not being met. The list of nominations should be included in the working papers for the General Assembly.

The six elected members may exercise a vote in the Science and Technology Advisory Committee.

It is desirable that elected members include representation from industrial organisations, including consultants.

The elected members of STAC shall hold office for three years and may be reappointed.

2 Chairmen of EFC Working Parties are **full members with the same voting rights as elected members.**

3 The President and Vice-President of the EFC as well as representatives of the EFC Secretariat may attend meetings but without voting rights.

4 Others who can contribute to the work of the EFC may attend meetings of the Science and Technology Advisory Committee by invitation but without voting rights.

DRAFT – Not for execution or distribution

**Cooperative Agreement Between
European Federation of Corrosion
and
NACE International**

Whereas NACE International (“NACE”) is an international corrosion engineering association headquartered in Houston, Texas with approximately 15,000 members worldwide and the European Federation of Corrosion (“EFC”) is a conglomeration of 29 member corrosion societies encompassing approximately 10,000 members in 23 countries throughout Europe.

Whereas NACE and EFC wish to formalize a cooperative relationship that is mutually beneficial to their respective members and that helps to promulgate knowledge and technologies that protect people, assets, and the environment from the effects of corrosion.

1. Cooperation on Conferences and Exhibits

1.1 Registration

NACE International shall provide two complimentary full conference registrations to designated representatives from EFC to attend the NACE Annual Conference and Exhibit held each spring in the U.S.

EFC shall provide two complimentary full conference registrations to designated representatives from NACE to attend each EUROCORR conference.

1.2 Conference Exhibits

NACE shall provide a complimentary 10X10 ft. exhibit booth to EFC at the NACE Annual Conference and exhibit held each spring. Only exhibit space will be provided and all other booth furnishings, shipping, etc. shall be the responsibility of EFC.

EFC shall provide a complimentary 10X10 ft. equivalent exhibit booth to NACE at the EFC Annual Conference and exhibit held each year in Europe. Only exhibit space will be provided and all other booth furnishings, shipping, etc. shall be the responsibility of NACE.

1.3 NACE/EFC Collaboration Meetings

At each NACE Annual Conference and Eurocorr meetings, the meeting host shall organize a meeting between NACE/EFC representatives to explore current and future collaboration opportunities between the two organizations.

1.4 Collaboration on Running Conferences and Exhibitions

Recognizing that both EFC and NACE share a common goal of promoting corrosion prevention and control strategies in Europe, the two organizations agree to support the development of joint corrosion conferences and exhibits in Europe. NACE shall support EFC in growing the existing Eurocorr conference in a manner that is mutually beneficial to both NACE and EFC members.

1.5 Coordination of Meeting Calendars

EFC and NACE shall strive to avoid scheduling conflicts between major conferences and other meetings. To that end, NACE and EFC coordinators agree to readily inform one another about scheduled conference and meeting dates.

EFC shall submit to NACE all major meeting dates and NACE agrees to incorporate those meetings in the master calendar available on the NACE Internet site. Similarly, EFC agrees to post dates of NACE meetings on EFC's web site. EFC will also encouraged constituent societies to post information on NACE meetings on their individual sites.

2.0 Cooperation on Publications

2.1 Member Pricing of Books, Standards and Journal Subscriptions

NACE agrees to provide the same discounted prices provided to NACE members to all members of EFC. EFC shall provide NACE with a reasonable means of verifying membership to EFC constituent organizations. Verification of EFC membership will be particularly required should EFC members wish to purchase publications from the NACE Internet e-commerce system where NACE members must submit valid membership numbers.

EFC agrees to provide the same discounted prices provided to EFC organization members to all NACE members. NACE shall provide EFC with a reasonable means of verifying NACE membership to EFC constituent organizations.

2.2 Magazine, Journal, Newsletter Exchange

NACE agrees to provide one complimentary subscription to *Materials Performance* magazine to each EFC organization when requested. In turn, each EFC constituent organization that issues a regular magazine or newsletter agrees to provide a complimentary subscription to NACE headquarters in Houston, Texas.

3.0 Cooperation on Technical Activities

3.1 General Collaboration

Whereas NACE has several hundred Technical Committees that meet to exchange technical information and produce standards and technical reports, and EFC has Working Parties that operate in a similar capacity.

NACE and EFC agree to ask technical activities coordinators to exchange electronic summary updates on committee activities at least once annually to strive to eliminate redundancy and produce corrosion guidelines that are globally responsive.

4.0 Marketing Support

4.1 Marketing Mailing Lists

Once each year, NACE and EFC shall exchange European individual membership databases. These databases are exclusively proprietary to each organization and may not be made available or sold to other groups outside of NACE and EFC under

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any circumstances. The databases may be used to market products and services produced by NACE and EFC only.

4.2 Catalog Distribution

NACE will make available to EFC a limited number of annual Products Guides (450 books, 125 standards), annual Education Catalogues, and Conference advance programs which EFC may distribute to its members noting that those members can purchase publications at member-discounted prices.

4.3 Magazine Promotional Support

NACE and EFC agree to provide a reasonable amount of publicity and coverage of events and activities in their respective publications, including but not limited to, conference programs and schedules, new product announcements, appointments, and awards.

4.4 Internet Promotional Support

NACE and EFC agree to provide a reasonable amount of publicity and coverage of respective activities on the organizational web sites.

5.0 Local Activities Coordination

NACE and EFC shall work to establish a liaison between NACE Sections in Europe and indigenous EFC member organizations located within the Sections geographic scope. NACE/EFC liaisons shall be responsible for informing one another about local activities such as monthly meetings, local seminars, and educational programs and encourage attendance.

6.0 Agreement Term

This agreement shall remain in effect for an initial three years from the date of execution and shall automatically renew each year thereafter unless either party is notified 90 days in advance of the renewal anniversary date.

6.0 Agreement Termination

This agreement may be terminated at any time with 90 days written notice.

7.0 Exclusions

This agreement shall not prevent NACE or EFC from entering into any other agreement, and it shall not prevent NACE or EFC from conducting any activity individually. No other stipulations not specifically included in this agreement are implied or granted.

8.0 Recognized Agents

The recognized agent and contact for this agreement shall be the currently serving Executive Director of NACE and General Secretariat of EFC. The individuals currently occupying those positions are listed below. It is the responsibility of each organization to inform the other should their recognized agent change.

Appendix 3/4**NACE International**

Jeff Littleton
Executive Director
NACE International
1440 South Creek Drive
Houston, TX 77084
Tel: 281-228-6205
Fax: 281-228-6305
Email: jeff.littleton@mail.nace.org

European Federation of Corrosion

Mr. Paul McIntyre
General Secretary
European Federation of Corrosion
1 Carlton House Terrace
London SW1Y 5DB
Tel: +44 20 7451 7336
Fax: +44 20 7839 2289
Email: paul_mcintyre@materials.org.uk

Ms. Elaine Bowman
President
NACE International

Mr. Don Harrop
President
European Federation of Corrosion

Date

Date

EFC CONGRESS ORGANISATION FROM 2006 ONWARDS



Location

Nice, fifth town in France with its 345 674 inhabitants, and its region became the French Riviera, so often painted and photographed. Very proud of its turbulent past, the city preserves its extraordinary artistic and cultural heritage (Greek, Roman, Italian, Russian, English...), and its language -the nissart-. It asserts its culinary art and celebrates the traditional feasts, such as Carnival, Battles of flowers... Land of tourism, culture and leisure, it is also a fertile ground for innovation, scientific research in synergy with universities (Sophia Antipolis), and exchange.

Nice has the advantage of an exceptional microclimate. In September, the weather is usually sunny, and temperatures are typically around 21°C.

Venue

The Conference will be held at the Palais des Congrès Acropolis, located in the center of Nice, within walking distance from many hotels.

Access routes and links

By air : Nice International Airport (direct flights from over 27 countries worldwide).

By train : the T.G.V. (high-speed train) links Paris to Nice in 6 hours 30.

By road : the city is linked by the A8 to Aix-en-Provence. It takes approximately 9 hours to drive from Paris to Nice by motorway.

Important dates

September 2002 First announcement
 September 2003 Second announcement and call for papers
 16 January 2004 Deadline for abstract submission
 12 March 2004 Notification of acceptance of oral/poster papers to authors
 28 May 2004 Deadline for submission of the manuscripts for the proceedings

Information

CEFRACOR
 28, rue Saint-Dominique
 F-75007 Paris, France
 Tel. +33 (0)1 47 05 39 26
 Fax: +33 (0)1 45 55 90 74
 E-Mail : eurocorr2004@scifrance.org
 Web site : <http://www.scifrance.org/congres/eurocorr2004>

EUROCORR 2004

European Corrosion Conference

12 - 18 September 2004

NICE, France

European Federation of Corrosion
 EFC event No. 266



First Announcement

Chairman : Philippe Marcus
eurocorr2004@scifrance.org

<http://www.scifrance.org/congres/eurocorr2004>

EUROCORR 2004

CEFRACOR

28, rue Saint-Dominique

F-75007 Paris

FRANCE

Aims and scope

EUROCORR is the annual European Corrosion Conference of the European Federation of Corrosion.

EUROCORR 2004 will be a forum for international exchange of information about all aspects of corrosion and corrosion protection, with emphasis on Long Term Prediction and Modelling of the Corrosion Behaviour of Metallic Materials.

The scientific and technical program will consist of plenary and keynote lectures, oral presentations in parallel sessions and poster contributions. A large technical exhibition will be held simultaneously with the Conference.

EUROCORR 2004 will cover the following topics :

- Corrosion Inhibition
- Corrosion by Hot Gases and Combustion Products
- Nuclear Corrosion
- Environment Sensitive Fracture
- Surface Science and Mechanisms of Corrosion and Protection
- Corrosion Education and Computer Applications
- Physico-Chemical Methods of Corrosion Testing
- Marine Corrosion
- Microbial Corrosion
- Corrosion of Steel in Concrete
- Corrosion in Oil and Gas Production
- Coatings
- Corrosion in the Refinery Industry
- Cathodic Protection
- Corrosion in the Automotive Industry
- Tribocorrosion

In addition to the topics listed above, special Workshops will be organised, including (tentative titles):

- Enzymes and corrosion
- Copper and aluminium alloys in marine environment
- Recent developments in the corrosion protection of magnesium alloys
- Heritage conservation/corrosion of archeological objects
- Nuclear waste storage
- Local probe techniques for corrosion research
- Non destructive techniques and corrosion monitoring

The conference language will be english.

The book of abstracts will be given to the participants at the opening of the Conference. The Conference Proceedings will be published (CD-ROM).

International Scientific Committee

P. Marcus (Chairman)	Paris, F
I. Frateur (Scientific Secretary)	Paris, F
J. Vogelsang	Zürich, CH
P. McIntyre	London, UK
G. Schmitt	Iserlohn, D
M. Schütze	Frankfurt am Main, D
J. Daret	Beaumont-Hague, F
J.-M. Olive	Talence, F
J.M. Costa	Barcelona, E
W. Bogaerts	Heverlee, B
J.H.W. de Wit	CA IJmuiden, NL
B. Espelid	Bergen, N
R. Gubner	Stockholm, S
J. Mietz	Berlin, D
S. Olsen	Trondheim, N
L. Fedrizzi	Rome, I
J.D. Harston	Surrey, UK
M. Roche	Paris la Défense, F
F. Blekkenhorst	CA IJmuiden, NL
D. Harrop	Sunbury-on-Thames, UK
Ph. Berge	Paris, F
E. Aragon	La Valette du Var, F
G. Béanger	Compiègne, F
D. Féron	Gif-sur-Yvette, F
J. Galland	Châtenay-Malabry, F
J.P. Millet	Villeurbanne, F
F. Moran	Romainville, F
P. Ponthiaux	Châtenay-Malabry, F
M. Taché	Saint-Rémy-lès-Chevreuse, F

Local Organising Committee

EUROCORR 2004 will be organised by CEFRACOR and SCI.

Organising committee :

M. Pierre (Chairman)	CEFRACOR, Paris
Ph. Berge	CEFRACOR, Paris
G. Pinard-Legry	CEFRACOR, Paris
I. Frateur	ENSCP, CNRS, Paris
P. Bridou	SCI, Paris
H. Founas	CEFRACOR, Paris



First Announcement

EUROPEAN CORROSION CONFERENCE

Nice, France, 12-18 September 2004

E-Mail : eurocorr2004@scifrance.org

Web site : <http://www.scifrance.org/congres/eurocorr2004>

☐ Mr ☐ Mrs
☐ Dr ☐ Prof

Name.....
 First Name
 Title.....
 Institution/Company
 Address.....
 Zip Code Town
 Country
 Tel.....
 Fax.....
 E-Mail

☐ I would like to receive the 2nd announcement and call for papers of EUROCORR 2004

☐ Please send me information regarding the exhibition

☐ I intend to submit an abstract :

Tentative title :

Topic :

☐ Please also send the 2nd announcement and call for papers to (name and e-mail address) :

