



BOARD OF ADMINISTRATORS

Seville, Spain

April 1st & 2nd, 2019

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
Seville, Spain, April 1st & 2nd, 2019

Venue of meeting: **Barceló Sevilla Renacimiento**
Av. Álvaro Alonso Barba, s/n,
41092 Seville - Spain

Date and time of meeting: **Monday 1st and Tuesday 2nd April 2019**

Chairman: **Prof. Dr. J.M.C. (Arjan) MOL (EFC President)**

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

**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
SEVILLE, 1st APRIL 2019**

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**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
SEVILLE, 2nd APRIL 2019**

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- Item 9 EFC Activities
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 - 9-4 European Corrosion Directory
 - 9-5 Relations with EFC Member Societies
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 - 9-6 EFC Publications
 - 9-6.1 EFC Book Series
 - 9-6.2 EFC Newsletter
 - 9-6.3 Progress with items/articles for the Publication in the four EFC Journals
 - 9-7 Last News from the EFC Web Site
- Item 10 EFC Events and Calendar of Events.
- 10-1 Corrosion 2019 Conference, May 27-29 2019, Warsaw, Poland
 - 10-2 EFC China 2019 Conference, October 9-12 2019, Chongqing, China
- Item 11 Any other Business
- Item 12 Date and Place of next BoA

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Seville, 1st & 2nd April 2019

ATTENDANCE LIST

Signatures

Dr. J. S. FERNANDES (Portugal)



Prof. D. FÉRON (France), Past-President



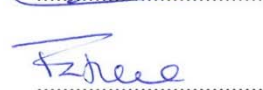
Dr. Ing. A. KRÓLIKOWSKA (Poland)



Dr. J.M.C. A MOL (The Netherlands), President



Prof. F. MONTEMOR, (Portugal)



Prof. Dr. A. V. MURADOV (Russia)



Prof. M.-G. OLIVIER (Belgium)



Dr. T. PROŠEK (Czech Republic)



Prof. Dr. E. PROVERBIO (Italy)



Mr. M. ROCHE (France)



Prof. Dr. T. I. TÖRÖK (Hungary)



Dr. J. VOGELSANG (Germany), Vice-President



EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Seville, 1st & 2nd April 2019

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Signatures

EX OFFICIO REPRESENTATIVES:

Dr. R. BENDER, as Scientific Secretary and WebSite (Germany)



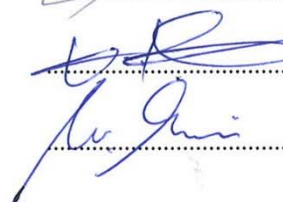
Mrs. J. BUGAJEVA, as Honorary Treasurer (United Kingdom)



Mrs. H. ILLAIRE, as Managing Officer (France)



Dr.-Ing. W. FÜRBETH, as Chairman of the STAC (Germany)



GENERAL SECRETARIATS:

Frankfurt Office (Germany):

Mrs. I. HONNDORF

Excused

Prof. Dr. W. MEIER (Germany)



London Office (United Kingdom):

Dr. G. HINDS



Dr. C. CHURCH

Excused

Paris Office (France):

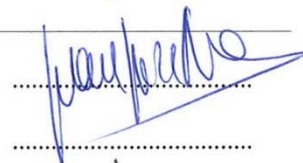
Mrs. P. BRIDOU BUFFET



Prof. Ph. MARCUS

GUEST(S) AND OBSERVER(S):

Prof. J. de DAMBORENEA, EUROCORR 2019 (SOCIEMAT)



Ms. V. FINCKEN, EUROCORR 2020 (VOM)



Dr. F. HANNOUR, Relation between EFC and Middle East (Qatar)



Dr. Y. GONZALEZ GARCIA (Young EFC)



Mrs. A. MUESMAN, EUROCORR 2019 (SOCIEMAT)



UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS (BoA)

Item 1 Opening of the meeting

Prof. Dr. Arjan Mol, President of the EFC and Chairman of the meeting, opened the meeting and welcomed the delegates present (see attendance list).

Item 2 Apologies for Absence

Mrs. Pascale Bridou Buffet, Paris Office, announced apologies received for absence:

Mrs. I. HONNDORF (Frankfurt Office, Germany);
Dr. C. CHURCH (London Office, UK).

Item 3 Approval of the Agenda and Adoption of the Minutes of the last Meeting

3-1 The proposed agenda was approved.

3-2 The minutes of the previous meeting in Kraków (9th September 2018) were approved with the following modification in item **8-2 - Rules for Complimentary Registrations**:

“Since many years, EUROCORR Organisers complained regarding the requests of complimentary registration asked from STAC and/or BoA Members.

The article 4.5 of the Annex 1 of the EUROCORR Agreement states that: “*The HOST shall provide complimentary registrations for EUROCORR and the conference dinner to the EFC President and Vice-President, to the EFC Scientific Secretary and Honorary Treasurer, the Managing Officer, one representative of the three EFC General Secretariat offices and to the members of the International Scientific Committee. Any other complimentary registrations will be at the discretion of the HOST.*”.

It was reminded that the International Scientific Committee (ISC) consists of STAC members and Chairs of scientific Task Forces; any other member of the ISC is at the discretion of the host.

The BoA decided to definitively validate these rules.

Also, it was reminded that according to Article 14 of the EFC Statutes, all administrators serve without any form of remuneration from the Association.”

Item 4 EUROCORRs

4-1 EUROCORR Organisation

4-1.1 Evolution of EUROCORR Organisation: Task Force Report

During the meeting of the President Advisory Committee (PACM) which took place in Frankfurt on 2 July 2018, it was pointed out that even while the Call for Bids has been updated recently, the EFC Member Societies proposals received are not totally in compliance with the size and the needs of the current EUROCORRs.

During its meeting in Kraków on 9 September 2018, the BoA approved the creation of an EUROCORR Task Force (TF) chaired by the EFC President, Prof. Dr. Arjan Mol, and composed with the Honorary Treasurer, Mrs. Julija Bugajeva, the

Managing Officer, Dr. Hélène Illaire, Dr. Tomáš Prosek, Prof. Agnieszka Królikowska and a representative of each of the EFC General Secretariats offices, to work on possible evolution(s) of the organisation of the EUROCORRs.

Prof. Dr. Arjan Mol reported on progress of this TF.

The first meeting of this TF was organised during the lunch on Monday 1st April 2019, just before the first half day of the BoA Meeting with the participation of Pascale Bridou Buffet (Paris Office), Mrs. Julija Bugajeva (Honorary Treasurer), Christiane Hirsch (Frankfurt Office), Hélène Illaire (Managing Officer), Prof. Agnieszka Królikowska (EUROCORR 2018), Prof. Prof. Dr. Arjan Mol (EFC President), and Dr. Tomáš Prosek (EUROCORR 2017).

The discussions covered on how to improve the bidding procedure and the presentation of the bids.

It was agreed to use the very detailed documents sent by the ICCA, International Congress and Convention Association, received by the Manager Officer and distributed to the members of the TF, as a basis to improve the EFC Guide for Bidders including a model of congress budget streamlined as possible but efficient. A list of possible venues to host EUROCORR in Europe sent by ICCA is included in **Appendix 1**.

The Managing Officer, Dr. Hélène Illaire, agreed to take the lead of the Task Force.

4-1.2 Exhibition Guidelines and Recommendations for local Organisers

During the PACM which took place in London on last 26 November 2018, it has been underlined that the requirements on the exhibition should be included into the Call for Bids.

An action was placed on the Managing Officer, Dr. Hélène Illaire, to prepare recommendations and/or guidelines regarding the exhibition for local organisers.

The guidelines proposed by the Managing Officer, Dr. Hélène Illaire, were presented in Appendix 1 of the Working Papers.

The Managing Officer, Dr. Hélène Illaire, presented the Loyalty Programme, **see Appendix 2**. The Loyalty Programme gives priority to the exhibitors on the choice of the location of the booth, based on the following priority rules:

1. main sponsors,
2. exhibitors who register during the EUROCORR of the previous year,
3. Affiliate Members,
4. returning exhibitors, based on the number of points calculated on the basis of participation to past EUROCORR.

The main point of the Loyalty Programme is to answer the request of exhibitors to have a reward system. It also encourages exhibitors to register early, and it adds an interesting benefit to the Affiliate Membership programme.

This loyalty programme has been implemented for the first time at EUROCORR 2019 in Seville. The deadline for entering the programme was set on 19 January 2019, and in December 2018-January 2019 the exhibition, including the Loyalty Programme, was marketed by the Managing Officer. As a result, 19 exhibitors registered, which was deemed a success by the local organisers.

The local organisers of EUROCORR 2020 agreed to implement the Loyalty Programme.

Some ideas were expressed to improve the participation at the exhibition:

- The exhibitors can be encouraged to make efforts to present an attractive booth: a prize for the best booth assigned by the participants could be organised;

- The exhibitors can be encouraged to organize events in the exhibition area such as workshop(s) and/or demonstration(s) to present their products.

These ideas will be considered by the EUROCORR Task.

4-1.3 Update of the EUROCORR Call for Bid

During the PACM which took place in London on 26 November 2018, an action was placed on the Managing Officer, Dr. Hélène Illaire, and the Frankfurt Office to update the EUROCORR Call for Bids.

It has been agreed that the EUROCORR Call for Bids will be updated and included in the EFC Guide for bidders.

4-2 EUROCORR Series: 2018 to 2021

4-2.1 EUROCORR 2018 - Kraków (Poland) - Final Report

Prof. Agnieszka Królikowska reported on the final results of **EUROCORR 2018 in Kraków**: Appendix 2 of the Working Papers provided the EUROCORR 2018 Report Form II.

She announced the participation of 1273 delegates coming from 77 countries.

It has to be noted that the event attracted a large participation of students (265).

The contribution to the EFC Budget with the EUROCORR levy is €30,853.

She emphasized the importance of sharing experience and lessons learned from previous EUROCORR organisers.

She underlined that the number of complementary registrations offered was 3 times higher than expected earlier.

The number of attendees registered for the workshop available for free was much higher than the registration for other workshop(s) with paying participation. So she recommended not to organise free workshop(s) in parallel with charged workshops.

She also suggested to propose a special lower rate for retired people.

She also emphasized the request of participants who will be pleased that a referee of the proceedings should be organised before publication to ensure a high scientific level of the congress.

The EFC Honorary Treasurer, Mrs. Julia Bugajeva, informed the BoA Members that the EFC was contacted by the company **Curran Associates Inc.** asking the possibility to sell printed copies of the EUROCORR 2018 proceedings upon the requests of some customers. The proposed return is 25% of royalty for each copy that they sell, which represents an agreement of approximately €200. This is a relatively low income, especially considering the related spent time.

As the spreading of EUROCORR proceedings is important for the visibility of EFC, the BoA members decided to ask Curran to deal directly with the EFC, rather than with local organisers.

An action was placed on the EFC Honorary Treasurer, Mrs. Julia Bugajeva, to negotiate a better rate of return and to prepare a standard agreement.

4-2.2 EUROCORR 2019 - Seville (Spain) - Progress with Arrangements

EUROCORR 2019 will be held from **Monday 9th to Friday 13th of September 2019** in **Seville**, Spain, at the Hotel Barceló Seville Renacimiento. The general theme will be **“New times, new materials, new corrosion challenges”**.

Prof. Juan J. de Damborenea presented the progress with the arrangements for EUROCORR 2019, for which details are given in **Appendix 3**.

He described the Congress website which is well visited, see the statistics of website visitors.

The next step will be the distribution of the Newsletter with the scientific program.

He reminded that the congress will start on Monday evening.

He announced that €21,930 has already been collected with the first registrations and that €66,250 has been collected from the exhibition.

He specified that 22 sponsors are supporting the event and that 19 exhibitors are coming from the loyalty program. It is the result of the campaign sent by the EFC Managing Officer, Dr. Hélène Illaire to all the exhibitors of past EUROCORRs and EFC Affiliate Members. They were informed of this loyalty program which offers priority of the choice of the position of the booth, taking in consideration that the sponsors have to be served first. The second priority is given to remaining exhibitors and the third priority to the EFC Affiliate Members.

Prof. Juan J. de Damborenea also informed the BoA Members of the request of Prof. Günter Schmitt to benefit from rooms for free for the organisation of the ISO Meetings in the days before the Congress, as it is done by NACE.

The BoA already discussed this point before and decided that it is not the task and the responsibility of the EFC to take part in the organisation of such meetings and that these meetings are independent of the EUROCORR event.

However, other organisations e.g. NACE are proposing these arrangements for free for such meetings.

After some discussions, the BoA members agreed that the proposal of Prof. Günter Schmitt is not acceptable in its current form, and recommended local organisers to propose to organise the meeting during the congress, and to ask Prof. Günter Schmitt to search for sponsors, especially from industry and from national standard societies when this is possible.

Prof. Juan J. de Damborenea also reported the request of Dr. Douglas Mills to participate at EUROCORR for free, Gala Dinner included for Dr. Ruth Bingham and himself.

Because they are contributing with the redaction of a lot of articles on EUROCORR, and the EFC Newsletter, the BoA agreed that the travel arrangements will be charged on the EFC Budget and that the organisers are asked to provide free registration for each of the two persons. Prof. Juan J. de Damborenea agreed to provide Dr. Douglas Mills and Dr. Ruth Bingham with free registrations for EUROCORR 2019.

4-2.3 EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements

EUROCORR 2020 will be held on **6th to 10th of September** in **Brussels**, Belgium, at SQUARE (Brussels Meeting Centre). The general theme will be **“Closing the Gap Industry and Academia. Corrosion Predictions by Advanced Measuring, Modelling and Monitoring”**.

Mrs. Veerle Fincken, VOM Program Manager, reported on preliminary arrangements for EUROCORR 2020. The details are presented in **Appendix 4**.

She explained that Prof. Marjorie Olivier is in charge of the scientific matters of the event while she is dealing with all the further issues of the organisation.

She underlined that the Young EFC is involved in the organisation of EUROCORR 2020. The Belgian local organisers have chosen to work with the same PCO, Guarant International, than in Prague.

In order to increase the quality of the exhibitor's booth and the traffic in the exhibition area, some novelties will be introduced in the exhibition, such as

workspaces and charging stations in the exhibition area, or competitions of pitches or best pictures by the exhibitors.

They are preparing the website with which will be the principal way of interactions for the organisation of EUROCORR 2020.

They plan to propose electronic posters instead of the classical papers posters and intend to develop an application for smartphones.

She also announced that they have identified 4 women international scientists that they are contacting in order of priority and preference to propose them to present a (plenary) lecture.

4-2.4 EUROCORR 2021 - Budapest (Hungary) - Initial Progress Report

EUROCORR 2021 will be held on **19th to 23rd of September 2021** in **Budapest Congress Centre, Hungary**.

The report of Prof. Dr. Tamas Istvan Török on the initial progress for EUROCORR 2021 is provided in **Appendix 5**.

The general theme will be **“Materials Science and Advanced Technologies for Better Corrosion Protection”**.

Item 5 EUROCORR 2022 - Bids Presentations and Selection of the Host

Five bid(s) for **EUROCORR 2022** had been received by the Frankfurt Office within the deadline of 21 January 2019, see Appendix 3 to 7 of the Working Papers and the Appendix 8 prepared by the Paris Office given an evaluation of the bids.

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

- Dr. Bruno Hribnik from Austria, ASMET Representative;
- Mrs Iris Rommerskirchen, from Germany on behalf of DECHEMA and GfKORR;
- Mrs. Federica Bassani, from Italy - AIM, Mrs. Ilenia Pasi of Firenze Convention Bureau;
- Mr Torfinn Havn from Norway - Norwegian Corrosion Society;
- Mrs. Julija Bugajeva and Dr. Gareth Hinds, from UK - IOM3.

The EFC President, Prof. Dr. Arjan Mol, thanked the presenters for coming and it was agreed that each would leave the room during the other's presentation except the BoA Members presenting a bid, i.e. German and UK members. Following the presentations, a secret ballot was carried out by the voting members of the BoA.

The winner was **Germany's** bid from DECHEMA and GfKORR, which will host **EUROCORR 2022** in **Berlin**, on **4 to 8 September 2022**. **Appendix 6** contains the German presentation.

The EFC President, Prof. Dr. Arjan Mol, congratulated all the bidders for the excellent presentations and the winner for the future organisation of the EUROCORR 2022.

Item 6 Administrative Matters

6-1 Applications for EFC Membership

On behalf of the Frankfurt Office, Dr. Roman Bender reminded that 2 new Affiliate Members from industry joined the EFC after the approval of the BoA and the GA following an e-mail voting process as follows:

- Helmut Fischer GmbH - Institut fuer Elektronik und Messtechnik, Sindelfingen, Germany, see Appendix 9 of the Working Papers;

- Chongqing Wujiu Periodicals Press, Chongqing, PR China, see Appendix 10 of the Working Papers;

He reported that many European people are visiting the EFC Booth each year at NACE Conference, and most do not know about EUROCORR.

The Past-President, Prof. Damien Féron suggested to make the promotion of the EFC on the occasion of other events like the EFCE Congress proposing them to present EFCCE during the EUROCORR. The same could also be done with EUROMAT.

It has to be noted that EUROCORR and EUROMAT follow each other and sometimes an overlapping of the dates exists.

It has also been proposed to advertise EFC during the AICHEMA, for example with a common booth with GfKORR.

An action was placed on Dr. Roman Bender to prepare a plan and budget on how to give more publicity for EUROCORR, to be presented at the next PACM.

6-2 *Affiliate Membership Programme*

The Managing Officer, Dr. Hélène Illaire, reported on the improvement of the Affiliate Membership programme and the recruitment of Affiliate Members.

Regarding the **benefits** of the Affiliate Membership programme, she reminded that the programme now includes a priority for Affiliate Members on the choice of the location of their booth, as presented in item 4-1.2. Also, Affiliate Members have now the possibility to publish case studies in the EFC Newsletter (subject to EFC approval) in addition to promotional write-ups of their corrosion-related events. Following her message to Affiliate Members calling for contributions to the EFC Newsletter, 2 organisations sent an article.

She also asked EFC Affiliate Members how the EFC could help them. 2 affiliates answered that they are interested in business networking. They also are interested to receive information targeted with their activities, which could be achieved with the planned new EFC Digital System.

Regarding the **visibility** of the Affiliate Membership programme, she informed that the campaign marketing the Loyalty Programme and the exhibition at EUROCORR 2019, sent to past exhibitors and Affiliate Members in December 2018-January 2019, included marketing of the Affiliate Membership. It appeared that many companies do not know the Affiliate Membership and/or make a confusion between the Affiliate Membership and the membership through Member Societies. In order to efficiently market the Affiliate Membership, it is thus necessary to better inform about EFC memberships. Therefore, she updated the EFC flyers with an information on the categories of EFC membership and their benefits. These **new flyers** were printed by the Frankfurt Office and used during the NACE Corrosion conference in March 2019, and were presented to the BoA members, see **Appendix 7**. The presentation of the EFC memberships will be improved according to the feedback of the BoA members, and could be used to better inform possible Affiliate Members.

Dr. Hélène Illaire underlined that the EFC flyers could be better utilised to improve the visibility of the EFC and its memberships, e.g. by including them in delegates' bags at EUROCORR or by encouraging organisers of EFC events to distribute them to participants. The Scientific Secretary, Dr. Roman Bender, agreed to propose organisers of EFC events to be sent flyers by EFC, via a check box in the application form for EFC events.

Regarding the **marketing** of the Affiliate Membership programme, Dr. Hélène Illaire presented the Exhibition and Affiliate Membership Package. This package consists of the Affiliate Membership with a discount of 16%, and the exhibition booth with a discount of 25%. Organisations could benefit this offer only one time.

This package is meant to give advantages to all partners: for EFC, improvement of the visibility of the Affiliate Membership and recruitment of affiliates; for exhibitors, discounts

on the booth and membership as well as all benefits of the affiliation; for local organisers of EUROCORR, benefiting early registrations from a pool of exhibitors provided by EFC.

The organisers of EUROCORR 2020 approved this proposal. However they underlined that it will be a benefit for the EFC but a loss for them, especially since all organisations are eligible to this offer that will be proposed for the first time for EUROCORR 2020. In order to compensate this possible loss, the EFC Vice-President, Dr. Jörg Vogeleng suggested to include a “marketing” line in the EUROCORR Budget with a financial participation of EFC which could be deduced from the EUROCORR Levy.

The package will be proposed for EUROCORR 2020, with a deadline on 31st of March 2020.

It is now important to update the EFC Website with this new information, to publish it in the Newsletter which will be distributed next September and to promote this membership to EUROCORR Exhibitors.

6-3 Strategic Plan

The strategic plan was designed by the EFC Strategy Group when Michael Schütze was the President of EFC (2006-2008) and has been revised and updated when Prof. Philippe Marcus (2009-2011), Prof. Lorenzo Fedrizzi (2012-2014) and Prof. Fátima Montemor (2014-2016) were the Presidents of the EFC.

The last revision of the Strategic Plan was established for the period 2015 - 2019 during the presidency of Prof. Fátima Montemor and was provided in Appendix 11 of the Working Papers.

On the basis of the current activities of the EFC, an action was placed on the next PACM to consider the need of such a Strategic Plan, the period of application, i.e. 2020 – 2024, and if yes, to propose updating guidelines and way(s) of achievement.

6-4 EFC Bye-Laws

Prof. Damien Féron reported on the revision of the Bye-Laws proposed by the implemented Task Force and given as Appendix 8 of the Working Papers.

Appendix 8 provides the version in which the main evolutions presented by Prof. Damien Féron are underlined, as follows:

- Added chapters, such as Young EFC (objectives), Managing Officer (tasks);
- Addition of the President Advisory Committee;
- Gathering of all paragraphs dealing with Working Parties;
- Changes in the Bye-Laws for matters changes in the Statutes on the same matters;
- Introduction of Branches: definition and admission of members;
- Introduction of the VAT;
- The necessity of 2 bank accounts, one in Belgium and the other in UK;
- Discharge of the Administrators during the GA;
- Confirmation of English as working language of the EFC;
- Adaptation of the Financial Statement and the real *modus operandi*...

Prof. Marjorie Olivier reminded the BoA Members that she is representing the “Registered Office” in Belgium and that she contributes to all actions related to Belgian affairs. However, this Office in Belgium does not have resources to provide a secretariat to take care of these actions. In consequence, the BoA approved the modification of the paragraph 7.2 as follows: “The responsibilities of the Registered Office, **assisted by an EFC officer**, are:...”.

This updated version will be present to the General Assembly in next September in Seville for final approval.

6-5 EFC Archives

During the PACM which took place in London on 26 November 2018, the past EFC President, Prof. Damien Féron and the Managing Officer, Dr. Hélène Illaire, pointed out the need for organising and documenting the EFC archives: agreements, official documents regarding Belgian law procedures etc. The PACM agreed that it is especially important that the electronic versions of the documents are archived and available online; also, the office(s) in charge of archiving the original paper copies and putting the electronic versions online should be clarified.

An action was placed on the Managing Officer, Dr. Hélène Illaire, to collect the list of the EFC archives that each EFC Office (Frankfurt, London and Paris) has in their possession.

The Managing Officer, Dr. Hélène Illaire, reminded that the Working Papers and Minutes of BoA and GA prepared by the Paris Office are available as electronic versions in the respective restricted areas.

The Frankfurt Office holds documents dealing with the scientific aspects of the EFC as well as with international relations, while the London Office is keeping documents related with the finances. Each of the EFC offices is responsible for archiving the documents under its scope of responsibility.

Prof. Philippe Marcus, representative of the Paris Office, agreed to take responsibility for archiving the documents provided by the Belgian registered office.

For some of these documents it is important that each EFC General Secretariat would have access in case of need, and especially the documents requested for Belgium matters or dealing with the obligations of the official registration of the EFC in Belgium.

In the planned EFC Digital System, the archives will be accessible online and it is therefore important that the Task Force on Digital Strategy defines access to the archives.

6-6 EFC Awards for 2019

The STAC Chairman, Dr. Wolfram Furbeth, announced the winners of the EFC Awards to be presented in 2019, the EFC Medal and the EUROCORR Young Scientist Grant, **see Appendix 9**.

He reported that the Paris Office received 3 very good nominations for the **EFC Medal 2019** which has been awarded to **Prof. Fátima Montemor**.

He encouraged the Member Societies to re-nominate next year the 2 other candidates.

8 nominations have been received for the **EUROCORR Young Scientist Grant**. The earlier rules of this award state that “Each year up to a maximum of 3 (three) EUROCORR Young Scientist Grants, up to a maximum of 1500 Euro each, will be awarded”.

Following the MoU signed between EFC and CSCP in last September 2018 in Kraków, the rules of the EUROCORR Young Scientist Grant have been modified and now a maximum of four Young Scientist Grants can be awarded. CSCP agreed to donate €1,500 per year for the grant so that either 4 grants of €1,500 or 3 grants of €2,000 can now be offered.

Because that one of the nominations received concerned interaction and collaboration within a Chinese co-applicant, the 4 winners of this prize are listed below and in **page 2 of Appendix 9**:

- **Leila Es Sebar**, Politecnico di Torino, Italy / Prof. Philippe Marcus, CNRS-Chimie Paris Tech, France “Surface reactivity and corrosion mechanisms of Cu-based allo;

- **Yue Guo**, University of Manchester, UK / Dr. Marta Mohedano, Complutense University of Madrid, Spain, "Multifunctional LDH-PEO coatings on Mg alloys for biomedical applications";
- **Di Mei**, Helmholtz Zentrum Geesthacht, Germany / Dr. Tao Zhang, Northeastern University, Shenyang, China, "Eco-friendly conversion coating on a Mg alloy in combination with corrosion inhibitors";
- **Anke Silvia Ulrich**, DECHEMA-Forschungs-institut, Frankfurt, Germany / Dr. Alexander Knowles, University of Birmingham, UK, "TEM of oxide scales on Cr-rich high temperature alloys".

The EFC President, Prof. Arjan Mol, announced that 3 nominations for the **Honorary Fellow Award** have been received by the Paris Office. In accordance with the quality of the 3 nominations received and the rules of this award, the Jury discerned the award to each of the 3 nominees, i.e.:

- **Dr. Ulf Kivisäkk**, AB Sandvik Materials Technology - Sweden;
- **Mr. Marcel Roche**, CEFRACOR - France;
- **Dr. Liane Margaret Smith**, Larkton Ltd. - UK.

6-7 *Ultimate Beneficial Owner (UBO) Register in Belgium*

A Royal Decree of 30 July 2018 on the operating procedures of the UBO Register entered into force in Belgium on 31 October 2018 following a European Directive whose main aim is to combat money laundering and the financing of terrorism.

Each Member State must now establish a register which will centralize adequate, accurate and current information on the beneficial owners of incorporated companies in Belgium, trusts, foundations and (international) non-profit associations, and legal entities similar to trusts. It is maintained by the SPF Finance, General Treasury Administration. The deadline for providing the information to the UBO register was first set by Belgian authorities to 31st of March 2019, but was postponed to 30 September 2019.

The Managing Officer, Dr. Hélène Illaire, underlined that the UBO is a new law in Belgium which force all societies to establish this register.

She explained that she is waiting more information from the Belgium authorities in order to clarify who must be registered.

6-8 *EFC Digital Strategy*

A reflection to proceed with a Digital Strategy for the EFC was initiated by Prof. Dr. Willi Meier during the BoA Meeting in Kraków on 28 March 2018.

He underlined the necessity for the EFC to review its communication strategy with the community and to update its digital tools, including especially the website and the digital tools for EUROCORR.

During this meeting, a Task Force has been set up composed with the Scientific Secretary, the Vice-President, the Managing Officer and a representative of the Young EFC, and led by Prof. Dr. Willi Meier.

During the BoA Meeting which took place on 9 September 2018 in Kraków, Prof. Dr. Willi Meier presented the architecture of the recommended project and the costs of such scheme if realised by the Frankfurt Office.

During the General Assembly Meeting which took place on 10 September 2018 in Kraków, the BoA was asked to consider different quotations realising a call for tender to obtain comparable quotations from others providers.

During the PACM which took place in London on 26 November 2018, an action was placed on Prof. Willi Meier to circulate a document presenting the characteristics/specifications

of the EFC Digital System to BoA Members and Young EFC, and to send IOM3 and CEFRACOR a document that will allow to ask for quotations from third-parties.

Prof. Willi Meier presented a report on progress regarding these action, see **Appendix 10**.

He underlined that before realising a call for tenders, it is necessary to identify the key persons of the EFC who will use and manage the website, and to implement a project group with those people in order to design the detailed specifications in regard of the needs of the EFC.

He suggested that this Working Group will be led by himself and composed of representatives of the German, London and UK Offices, the Managing Officer, the Scientific Secretary and the Chairman of the STAC, and a representative of the Young EFC.

He proposed that the document with the technical specifications designed by the Working Group will be finalised at the end of June 2019 to be sent out to some competitive providers.

Item 7 Financial Report

The Honorary Treasurer, Mrs. Julija Bugajeva presented a Financial Report on the basis of the information given in the Appendix 13 of the Working Papers, see **Appendix 11**.

7-1 Draft Accounts for 2018

The Honorary Treasurer, Mrs. Julija Bugajeva, presented the provisional accounts for the year 2018. She explained that the figure presented in **page 2 of Appendix 11** are a little different as the information provided in the Appendix 13 of the Working Papers because the UK Office received the payment of some invoices in the interval. Since all payments for 2018 invoices have not been yet received, the results for 2018 will certainly change by next September. It is the same regarding the expenditure side because a number of invoices have not yet been received.

She underlined the good EUROCORR 2018 levy which must be confirmed at the amount of € 30,853.

She presented the impact of the VAT: EFC has paid the VAT on behalf of 5 Member Societies to the Belgium Tax Office for € 1,821, but reclaimed €934 in VAT on expenses in Belgium, while €6,067 have been saved in VAT on payments to other EU based organisations (reverse charge).

The EFC is in a strong financial position and has sufficient cash reserves to cover a least 2 years of expenditure. For the moment, the Brexit does not have consequences for these reserves; nevertheless, it is proposed that the money will be transferred from the account in the UK to the account in Belgium, in order to avoid possible bank charges. If the EFC should have to change bank due to the consequences of the Brexit, the BoA recommends to negotiate the rate of interests before moving the money.

The BoA approved the provisional accounts for 2018, see **page 2 of Appendix 11**.

7-2 Current Subscriptions Position

A summary of the status of subscription is given on **page 3 of Appendix 11**. The contact seems to be lost with 4 of the 38 EFC Member Societies. For the 34 others, the payment of 4 subscriptions fees are still remaining.

ABRACO, which is not in a position to pay now, asked for a delay till 2020.

7-3 *Adoption of Financial Report*

The BoA approved the Financial Report presented by Mrs. Julija Bugajeva, the Honorary Treasurer.

Item 8 International Activities

8-1 *NACE International: Task Force on EFC Strategy*

During the EFC-NACE meeting in September 2018, NACE informed that they will open an office in Europe. The Minutes of this meeting were provided in Appendix 14 of the Working Papers.

During the PACM Meeting which took place in London on 26 November 2018, Dr. Gareth Hinds informed that NACE is contacting targeted EFC Member Societies in Europe regarding the Global Partnership Agreement they propose worldwide.

He expressed that the EFC should need a common strategy and policy for its members regarding NACE actions.

An action was placed to Dr. Gareth Hinds to set up a Task Force on EFC Strategy regarding NACE.

Due to a lack of time, this item was not discussed.

8-2 *WCO (World Corrosion Organization)*

Due to a lack of time, this item was not discussed.

8-3 *ICC (International Corrosion Council)*

Due to a lack of time, this item was not discussed.

8-4 *IUPAC (International Union of Pure and Applied Chemistry)*

Due to a lack of time, this item was not discussed.

8-5 *Current situation with Branches: Middle East, Finland, Singapore and Slovakia)*

Progress on the establishment of branches in Finland, Singapore and Slovakia would be presented.

Due to a lack of time, this item was not discussed.

Middle East

Progress on the establishment of branches in Finland, Singapore and Slovakia is postponed to another BoA Meeting.

Following the MoU signed between EFC and the Qatar Foundation, the Qatar Foundation R&D has proposed the creation of a non-profit organisation called the Qatar Corrosion Center. The 4 “pillars” for which EFC could provide value were identified as following:

- Technical services and asset support
- Corrosion knowledge database (establishment of new standards adapted to local conditions)
- Corrosion R&D and testing areas, and implementation strategies (grants of 30 k€/year are available for these activities)

- Capacity building & community networking

However, several local institutions were discussing intensively amongst themselves to host the new Corrosion Center launched by the Qatari authorities. It has thus been considered better to wait for local stakeholders to organise themselves to define who will host the Corrosion Center and where.

Furthermore, Dr. Fouzia Hannour, who has been approved by the BoA in March 2018 as the official Director of the Middle East Branch, had left the Qatar Foundation in last July. She is now working for the Qatar Free Zone Authority (QFZA) as Director Strategy of Materials and Chemicals.

After a reminder of this context, Dr. Fouzia Hannour reported on the opportunities of future collaborations. QFZA is establishing a free zone of 40 km², split in 2 zones. As part of the various incentives, the free zone is exempt of corporate taxes for 20 years, competitive electricity price and has its own specific regulations regarding e.g. the obtaining visas. The zone, geographically strategically situated, would enable easy access to the entire Middle East, Asia and Africa as export markets.

The “4 pillars” cited above are still valid and the companies within the free zone will need especially technical services such as standards, test etc., that EFC can enable. A cluster of technical services companies and certification bodies and federations are planned in the zone. The EFC represented by Dr. Fouzia Hannour, officially nominated Director of the Middle East Branch by the EFC, is the only institution accepted by local partners, because it is an independent and international institution. The needs are beyond corrosion and would certainly require all services around corrosion and coatings. Therefore, EFC could be an important vehicle to build that cluster. That link with the EFC can be done through the keyword "coatings" because different EFC Working Parties are dealing with coatings (13, 14 15, 18, 19, 20, ...).

In this context, QFZA sees an opportunity for the EFC to play a role in this zone by providing services for the 4 pillars mentioned above. QFZA is interested to become a member of EFC and could sponsor EUROCORR as well as organising events in Qatar. QFZA intends to participate to EUROCORR 2019 in Seville and wishes to have closed sessions with selected companies joining Eurocorr. Prior to the event, invitations shall be sent to a selection of attendees of the congress. They are also considering to participate with a booth at EUROCORR 2020.

A project group lead by Prof. Fátima Montemor will sketch the possible structure and activities (events, accreditations...) enabling the collaboration with EFC. A proposal will be presented to the BoA in next September in Seville.

Item 9 EFC Activities

9-1 Report of the Scientific Secretary

The report of the Scientific Secretary, Dr. Roman Bender, covering activities since the last September 2018 BoA meeting was presented in Appendix 15 of the Working Papers.

9-2 Report of the Managing Officer

The report of the Managing Officer, Dr. Hélène Illaire, covering activities since the last September 2018 BoA meeting was presented in Appendix 16 of the Working Papers.

9-3 *Report on Activities of Young EFC*

A report of the Young EFC network activities, covering activities since the last September 2018 BoA meeting was presented by Dr. Yaiza Gonzalez-Garcia, see Appendix 17 of the Working Papers and **Appendix 12** of these minutes.

Dr. Yaiza Gonzalez-Garcia reminded the BoA Members that the Mentoring program has been officially launched.

She presented some events to be organised on the occasion of EUROCORR 2019 in Seville as follows:

- the Big Van Science, scheduled on Monday 9 September, from 14.00-17.00;
- Young-EFC meeting/ together activity, scheduled on Tuesday 10 from 17.30-20.00;
- Support to the Corrosion Science Course with the participation of one Y-EFC Board Member to offer in situ support;

In addition to the contribution of the Young EFC to the EFC Newsletter and an active interaction with the local organisers of EUROCORR 2020 in Brussels, she underlined interaction with the Young corrosionists within the CSCP and interaction with the Elsevier Publisher of Corrosion Science.

Dr. Yaiza Gonzalez-Garcia also proposed to be active in social media with the creation of a group LinkedIn named “EFC” for the EFC Mentoring Program to attract young people which was approved by the BoA.

Prof. Alexander Muradov proposed to initiate 5 rewards for young corrosionists, of which 2 would be supported by its organisation.

The BoA approved the Young EFC Budget presented in **page 5 of Appendix 12** and the Young EFC report.

9-4 *European Corrosion Directory*

Mr. Gilbert Assant, the current publisher of the EFC Newsletter, was invited to take part in the PACM Meeting which took place in London on 26 November 2018, to present his project of European Corrosion Directory.

The idea is to gather in a book the corrosion-related companies in Europe obtained from lists collected from professional directories from each European countries.

Mr. Gilbert Assant proposed to take the financial risk of such a publication and to realise the ‘issue zero’ without the EFC logo and without advertisements. If this first issue proves to be successful, the future issues could be published in cooperation with the EFC who could receive percentage of the benefits.

The PAC Members asked Mr. Gilbert Assant to prepare a detailed agreement for this project, with the help of Prof. Damien Féron, for presentation to BoA Members on 1st and 2nd April 2019 in Seville.

This proposed agreement in English and in French, which was circulated by the Paris Office to the BoA Members on 22 March 2019, is given in **Appendix 13 and 14**.

Prof. Damien Féron reminded that EFC Member Societies will be invited to provide the areas where people are involved in corrosion in their country.

Mr. Gilbert Assant will contact companies to sell them advertisement in order to finance the edition of this directory. Even if he plans to implement offices in different areas of Europe to organise the commercial market, this company is well known by Company members of CEFRACOR because publishing the yearbook of the CEFRACOR members.

The BoA asked that this project must be described in more details on the planned process of action(s) to implement this directory.

Mr. Gilbert Assant will be invited to the next President Advisory Committee Meeting in Paris to present more detailed specifications of this project.

Subject to the new information collected and the interest for the corrosion community, the EFC Member Societies will be informed on this proposal.

9-5 *Relations with EFC Member Societies*

9-5.1 *Relations with European and International EFC Member Societies*

Due to a lack of time, report on this item is postponed.

The minutes of the EFC-CSCP Meeting which took place in Kraków during EUROCORR 2018 were provided in Appendix 18 of the Working Papers.

9-5.2 *Relations with Affiliates EFC Member Societies*

Due to a lack of time, this item was not discussed.

9-6 *EFC Publications*

9-6.1 *EFC Book Series*

The EFC Scientific Secretary, Dr. Roman Bender, reported on the progress in the preparation of the EFC Book Series, **see Appendix 15**.

He also informed the BoA that he has been contacted by Elsevier which proposes to publish EFC Green book as e-books.

The BoA approved the proposal of the EFC President, Prof. Dr. Arjan Mol, that this item would be discussed during the next PACM.

9-6.2 *EFC Newsletter*

As usually since many years, an EFC e-Newsletter will be published on the occasion of the Corrosion Day, 24 April 2019.

9-6.3 *Progress with items/articles for the Publication in the four EFC Journals*

The Scientific Secretary, Dr. Roman Bender, reported on progress regarding the publications in the four partner Journals: “*Materials and Corrosion*”, “*Corrosion Engineering, Science and Technology (CST)*”, “*Matériaux et Techniques*” and “*Ochrona przed Korozją*” (“Corrosion Protection”), **see Appendix 16**.

Some articles published have been written by Dr. Hélène Illaire, the Managing Officer and Dr. Ruth Bingham.

It has to be noted that the Polish EFC Official Journal has published around 20 pages about the last September 2018 EUROCORR in Kraków.

9-7 *Last News from the EFC Website*

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

Login: **efc-boA**

Password: **member2017BoA**

The status on the latest improvements to the EFC Website were presented by the Scientific Secretary, Dr. Roman Bender, **see Appendix 17**.

He underlined that some Working Parties which are very active and presented very good sessions during EUROCORR never provide information to update their page on the website.

Item 10 EFC Events and Calendar of Events

10-1 Corrosion 2019 Conference, May 27-29 2019, Warsaw, Poland

The BoA Members were informed on the organization by the Polish Corrosion Society of and international conference “Corrosion 2019 Conference” in Warsaw Poland on 27-29 May 2019 (<http://www.corrosion2019.pl>), for which the topics are very similar to those of EUROCORR, see Appendix 19 of the Working Papers.

10-2 EFC China 2019 Conference, October 9-12 2019, Chongqing, China

Dr. Tomáš Prošek previously reported that he was approached by Chinese corrosionists wishing to organise an event in China in collaboration with EFC. He reported on the organization of the EFC China 2019 1st International Conference on Corrosion Protection and which will be held on 9-12 October 2019 in Chongqing, China, for which he is leading the EFC’s involvement.

This event received the Number 448 as EFC Event Number, which could guarantee a good quality of the scientific level.

The BoA Members agreed the necessity to establish a contract in English between EFC and the Chinese organizers for which the assistance of an international lawyer would be desirable to take into consideration the Chinese laws.

The Honorary Treasurer, Mrs. Julija Bugajeva, proposed to seek assistance of some of her contacts and the EFC Vice-President, Dr. Jörg Vogelsang proposed that the translation of the contract in Chinese will be overseen by somebody of his team.

This event would permit to promote and increase the visibility of the EFC.

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

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

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

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

Item 11 Any other Business

None.

Item 12 Date and Place of next BoA

The next BoA meeting will be held in September 2019, in conjunction with EUROCORR 2019, in Seville, Spain, at a time and place to be announced later.

A P P E N D I C E S

Conf./Exh Ctre = Conf./Exhibition Centre **Possible Venues to host EUROCORR in Europe sent by ICCA**

Type	NAME	CITY	COUNTRY	Total floor (m2)	Max Participants	Capacity Large Meeting room
Hotel	Madrid Marriott Auditorium Hotel & Conference Center	Madrid	Spain	3 000	2 400	2 200
Conf./ Exh Ctre	Messe Frankfurt Venue GmbH	Frankfurt am Main	Germany	355 000	22 000	9 500
Conf./ Exh Ctre	Fira Barcelona	Barcelona	Spain	315 000	100 000	1 644
Conf./ Exh Ctre	Düsseldorf Congress GmbH	Duesseldorf	Germany	276 000	60 000	52 000
Conf./ Exh Ctre	Convention & Exhibition Centre - Feria Valencia	Valencia	Spain	230 000	20 000	5 000
Conf./ Exh Ctre	Congress Center Basel	Basel	Switzerland	141 000	6 000	3 000
Conf./ Exh Ctre	Firenze Fiera Congress and Exhibition Centre	Florence	Italy	120 000	5 000	2 200
Conf./ Exh Ctre	ICS International Congress Center Stuttgart	Stuttgart	Germany	105 200	10 000	5 000
Conf./ Exh Ctre	Messukeskus Helsinki, Expo and Convention Centre	Helsinki	Finland	58 000	14 000	4 400
Conf./ Exh Ctre	Hungexpo C. Co. Ltd.	Budapest	Hungary	55 000	15 000	9 000
Conf./ Exh Ctre	Messe Wien Exhibition & Congress Center	Vienna	Austria	55 000	30 000	3 000
Conf./ Exh Ctre	ALPEXPO	Grenoble	France	42 000	3 000	3 000
Conf./ Exh Ctre	The Swedish Exhibition & Congress Centre/Gothia Towers	Gothenburg	Sweden	41 000	8 800	4 500
Conf./ Exh Ctre	Salzburg Exhibition & Congress Center	Salzburg	Austria	39 257	5 000	4 900
Conf./ Exh Ctre	Luxexpo The Box	Luxembourg	Luxembourg	34 000	5 000	5 000
Conf./ Exh Ctre	Stavanger Forum	Stavanger	Norway	25 000	5 500	1 707
Conf./ Exh Ctre	Malmö Exhibition & Congress Centre	Malmö	Sweden	16 000	5 000	2 000
Conf./ Exh Ctre	ICC - Istanbul Congress Center	Istanbul	Turkey	14 700	20 000	3 705
Conf./ Exh Ctre	Expo XXI Warsaw International Expocentre	Warsaw	Poland	13 500	13 500	5 500
Conf./ Exh Ctre	CCH - Congress Center Hamburg	Hamburg	Germany	12 000	12 000	3 000
Conf./ Exh Ctre	Ljubljana Exhibition & Convention Centre	Ljubljana	Slovenia	12 000	20 000	2 200
Conf./ Exh Ctre	Strasbourg Convention & Exhibition Centre	Strasbourg	France	8 000	4 650	2 000
Conf./ Exh Ctre	La Cite Nantes Congress Centre	Nantes	France	6 000	4 000	2 000
Conf./ Exh Ctre	Open Joint Stock Company "Kazanskaya Yarmarka"	Kazan (Tatarstan)	Russia	5 500	3 870	2 000
Conf./ Exh Ctre	Budapest Congress Center	Budapest	Hungary	4 000	2 000	2 000
Conf./ Exh Ctre	Venezia Unica Convention & Visitors Bureau	Venice	Italy	4 000	1 500	1 500
Conf./ Exh Ctre	Bordeaux Events	Bordeaux	France	3 000	4 000	1 293
Conf./ Exh Ctre	Postillion Convention Centre WTC Rotterdam	Rotterdam	Netherlands	2 091	3 500	1 200

EFC Loyalty Programme for EUROCORRs Exhibitors

LOYALTY PROGRAMME FOR
EUROCORR EXHIBITION
- EUROCORR 2019

H. Illaire – 1-2 April 2019 – BoA Seville

Loyalty Programme

Priority rules

1. Main sponsors
2. Pre-booking during EUROCORR N-1
3. Affiliate Members
4. Long-time returning exhibitors



EFC Loyalty Programme for EUROCORRs Exhibitors (continued)

Loyalty Programme

Implementation EUROCORR 2019

- ☐ Deadline fixed on 19 January 2019
- ☐ Email campaign by Managing Officer
- ☐ Registration form on EUROCORR website
- ☐ 19 exhibitors registered



Loyalty Programme

Points calculation

- ☐ EUROCORR N-1 = 5 points
- ☐ EUROCORR N-2 = 4 points
- ☐ Etc. until EUROCORR N-5 = 1 points

EUROCORR 2019 - Seville (Spain) – Progress with Arrangements



EFC Board of Administrators 1st April 2019

EUROCORR 2019 Progress with Arrangements



Website

www.eurocorr2019.org

Information available at the website:

- Committees
- Venue
- Seville and Tours and excursion
- Plenary Lectures
- Courses
- Registration and accommodation
- Exhibition and Sponsors

In order to increase visits and reach the target, it is important to give visibility to the official website of the congress among:

Partners

Authors

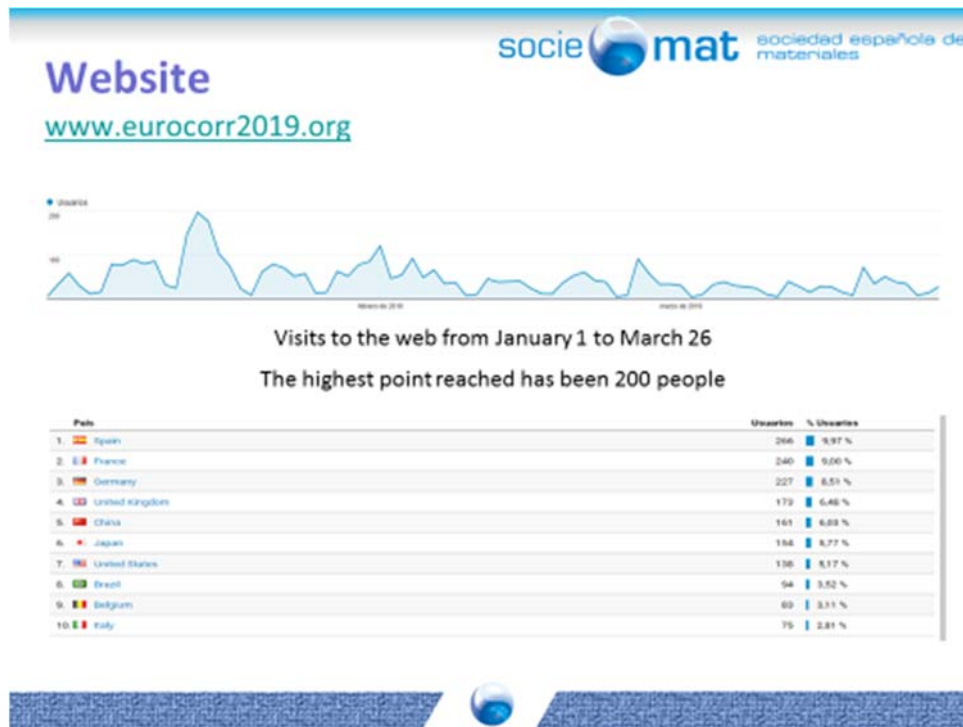
Other contacts

Next action:

Send a newsletter with the Scientific Programme to all authors and contacts



EUROCORR 2019 - Seville (Spain) – Progress with Arrangements (Continued)



Registrations

sociemat sociedad española de materiales

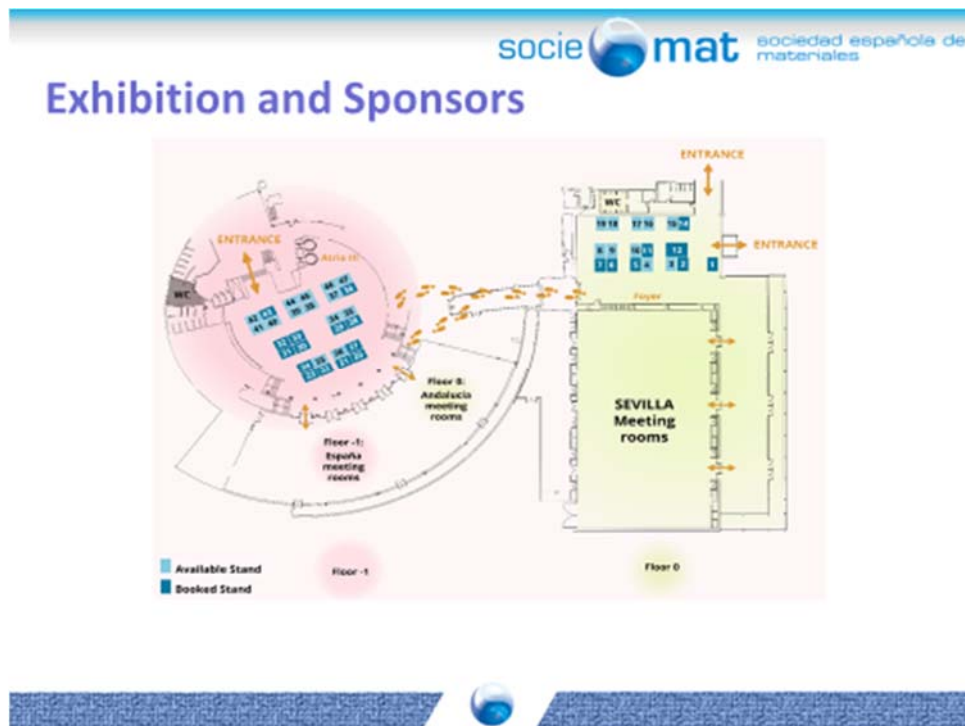
	EARLY until May 16, 2019	LATE from May 17 to September 8, 2019	ON SITE 9 to 13 September, 2019
EFC Member* - Full Registration	700,00 €	790,00 €	940,00 €
EFC Non Member - Full Registration	800,00 €	890,00 €	930,00 €
EFC Member* - One Day Registration	525,00 €	575,00 €	600,00 €
EFC Non Member - One Day Registration	575,00 €	650,00 €	675,00 €
Students - Full Registration	300,00 €	380,00 €	380,00 €
Accompanying person	210,00 €	210,00 €	210,00 €
An additional person to operate the exhibition booth	400,00 €	430,00 €	400,00 €
Conference dinner (Thursday, September 12, 2019)	90,00 €	90,00 €	90,00 €

Re-register now!

EFC Member	8
EFC Non Member	15
EFC Member – One day	0
EFC Non Member – One day	2
Students	5
Accompanying person	3
Conference dinner	21
Committees	3

**Total income from registrations
 (conference dinner not included)
 21,930 EUR**

EUROCORR 2019 - Seville (Spain) – Progress with Arrangements (Continued)



socie  mat sociedad española de materiales

Exhibition and Sponsors

Stand nº1	Q-Lab	Stand nº23	Bac
Stand nº2	Parr Instrument	Stand nº24	Trenton Europe
Stand nº5	IGS Europe	Stand nº27	Mistral group
Stand nº6	Cortec Corporation	Stand nº28	Clampon
Stand nº7	Gemmy Instruments	Stand nº29	Duvine
Stand nº11	Fisher Instruments	Stand nº30	Reutel
Stand nº12 (12m ²)	Hempel	Stand nº31	Metrohm Autolab
Stand nº14	Derlikon - [Silver sponsor]	Stand nº32	Schoeller-Bleckmann
Stand nº20	Bio-logic Science	Stand nº33	BX Engineering
Stand nº21	Thermo-Calc	Stand nº36	Palmaera
Stand nº22	IPS Elektroniklabor	Stand nº43	Armcell

Total income from exhibition
66,250 EUR

EUROCORR 2019 - Seville (Spain) – Progress with Arrangements (Continued)

socie  mat sociedad española de materiales

Loyalty Program

Booked stand	COMPANY	Loyalty program
Stand nr1	Q-Lab	YES
Stand nr2	Parr Instrument	YES
Stand nr3	IGS Europe	YES
Stand nr6	Cortec Corporation	YES
Stand nr7	Gamry Instruments	YES
Stand nr11	Fisher Instruments	NO
Stand nr12 (12m ²)	Hempel	YES
Stand nr14	Oerlikon - (Silver sponsor)	YES
Stand nr20	Bio-logic Science	YES
Stand nr21	Thermo-Calc	YES
Stand nr22	IPS Elektroniklabor	YES
Stand nr23	Biac	YES
Stand nr24	Trenton Europa	YES
Stand nr27	Mistras group	YES
Stand nr28	Clampon	YES
Stand nr29	Duxia	NO
Stand nr30	Neutel	YES
Stand nr31	Metrohm Autolab	YES
Stand nr32	Schoeller-Bleckmann	NO
Stand nr33	3X Engineering	YES
Stand nr36	Palmsana	YES
Stand nr43	Armacell	YES



socie  mat sociedad española de materiales

Social Events

Wednesday, September 11, 2019

20:30 – 21:30 Organ concert will take place at the Seville Cathedral








EUROCORR 2019 - Seville (Spain) – Progress with Arrangements (Continued)

sociematerialmat sociedad española de materiales

Social Events

Thursday, September 12, 2019
20:30 Conference dinner will take place in Robles Aljarafe





EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements



CONTENT

1. Management issues

- Topic
- LOC
- Local Scientific Committee
- PCO
- Contracts

2. Organisational issues

- Congress Venue
- Important Dates
- Partnership & Exhibition
- Registration Fees
- Social Events
- Promotion
- Website
- Electronic Poster
- Mobile Application



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM **BRUSSELS**
THE ANNUAL CONGRESS OF THE EUROPEAN
FEDERATION OF CORROSION

1. Management issues

- Topic
- LOC
- Local Scientific Committee
- PCO
- Contracts



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM **BRUSSELS**
THE ANNUAL CONGRESS OF THE EUROPEAN
FEDERATION OF CORROSION



Academia : degradation mechanisms with highly advanced tools

- Mechanism of degradation of a subsystem
- Measurements in infinite solutions not directly linked with the real case
- Kinetics in ideal systems



EUROCORR 2020 Brussels Link between Academia and Industry

- Measuring, Modelling and Monitoring
- Relevant Environments



Industry : industrial accelerated tests

- Sometimes arbitrary corrosion evaluation
- High cost
- No real information about degradation mechanism
- No real information about the kinetics



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN FEDERATION OF CORROSION

MANAGEMENT ISSUES - LC

Dr. Y. (Yaiza) Gonzalez Garcia

Dr V. Vitry (UMONS)

Dr M. Poelman (Materia Nova)

Prof. Marjorie Olivier (UMONS)

Veerle Fincken (VOM)

Prof. Iris De Graeve (VUB)

Prof. Herman Terryn (VUB)



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN FEDERATION OF CORROSION

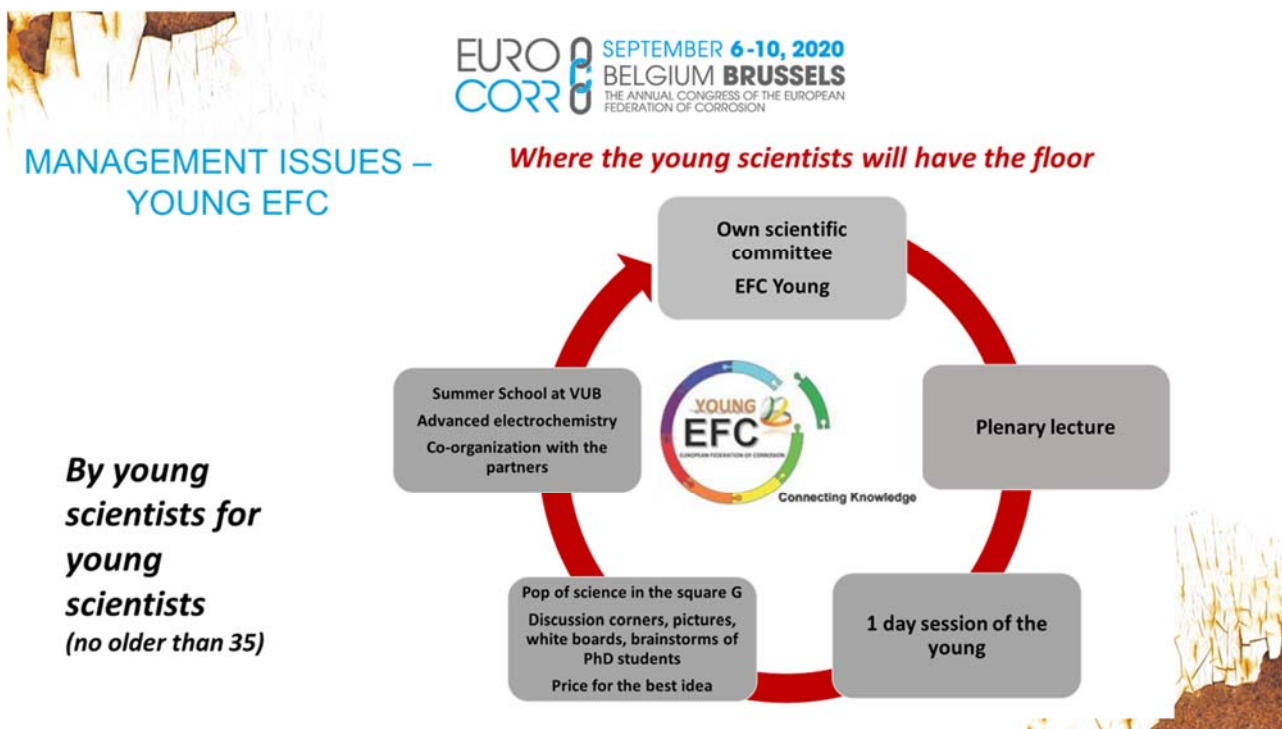
MANAGEMENT ISSUES – SCIENTIFIC COMMITTEE

❖ SCIENTIFIC PROGRAM

- **Female speakers (in order of priority and preference)**
 1. Prof. Maria Forsyth (Australia), subject: Corrosion inhibitors
 2. Prof. Dr. Sannakaisa Virtanen (Germany, Erlangen), subject: Magnesium
 3. Dr. Nadine Pèbère (University Toulouse, France), subject: Local corrosion
 4. Prof. Christine Blanc (University Toulouse, France), subject: Stress corrosion cracking
- **Male speakers (in order of priority and preference)**
 1. Theo Hack (Airbus, Germany), subject: Airbus Industry
 2. Dr. Dawei Zhang, PhD (USTB China), subject: Data corrosion
 3. Dr. Michael Rohwerder (Max Planck, Germany), subject: Electrochemical coating
- **3 Plenary sessions**
 - 1st plenary session on Monday
 - 2 plenary sessions on Wednesday - including EFC, speakers: prof. Maria Forsyth and Theo Hack
 - Young EFC – names will be discussed at the board – Yaiza will prepare a short list



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



EUROCORR 2020 SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN FEDERATION OF CORROSION

MANAGEMENT ISSUES - PCO

Why a PCO?

- Organizing a world congress is not our core business
- L.O.C. will focus on the overall management and the scientific content
- Responsible for:
 - Full financial management, incl. the risk
 - Sponsorship and exhibition management
 - Registration of participants
 - On site management
 - Congress Material & Print

GUARANT INTERNATIONAL

Tomáš Raboch **Petra Zavodna**

EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



MANAGEMENT ISSUES - CONTRACTS

- Consortium agreement with all the partners (VOM, Materia Nova, University Mons, University Brussels)
- Renting Contract (SQUARE)
- Official collaboration with Visit.brussels (welcome of the delegates, PR-support)
- Contract with PCO
- Contract with Brussels Booking Desk (hotel rooms)
- *GDPR-agreement (all consortium partners + EFC)*
- *Contract EUROCORR 2020 (Dechema, EFC, VOM)*



CONTENT

1. Organisational issues

- Congress Venue
- Important Dates
- Partnership & Exhibition
- Registration Fees
- Social Events
- Promotion
- Website
- Electronic Poster
- Mobile Application



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



- Call for abstracts – on-line forms open: October 2019
- Registration on-line open: October 2019
- Abstract Submission: January – February 2020
- Late Abstract Submission: 14 days after the regular deadline (15 January will be decided about date extension)
- Submission of late posters: April 2020
- Notification of acceptance to authors: 30 April 2020
- Early Registration Deadline: 29 May 2020
- Submission of full papers: May - 17 June 2020
- Late Registration Deadline: 28 August 2020
- EUROCORR 2020: 6 - 10 September 2020



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN
FEDERATION OF CORROSION

PARTNERSHIP & EXHIBITION

- Following of the **Loyalty Programme** for EUROCORR Exhibitors
 - Activities accordingly to the Partnership timeline
 - Setting of **online exhibition booking system** and **online partnership prospectus**
- Activities in the Exhibition area** to make it more attractive and drive more attendees to Exhibition booths
- Catering
 - E-posters
 - Relax zone
 - Workspace
 - Charging station
 - Competitions – collecting stamps at the Exhibition booths and win the prize
 - Organize pitches for exhibitors + a contest “10 best pictures of corrosion protection”.
 - Photo wall

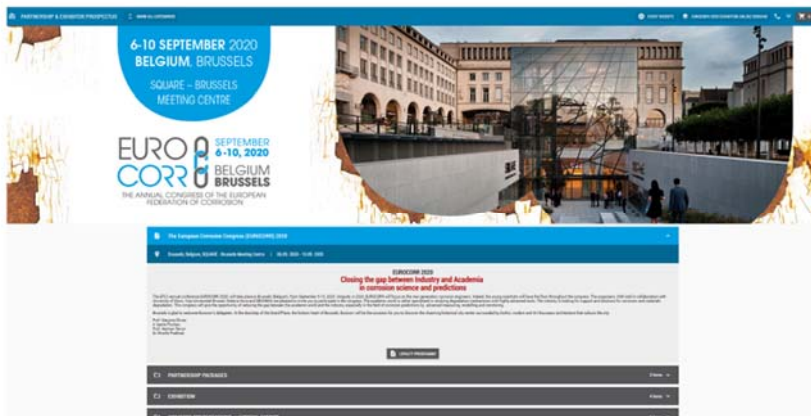


EUROCORR SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN
FEDERATION OF CORROSION

PARTNERSHIP & EXHIBITION

<https://sponsorship.congresshome.com/eurocorr2020>

Online Partnership Prospectus: this prospectus is compatible with all browsers, except of outdated version of Internet Explorer



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)




REGISTRATION FEES

CATEGORY	EARLY REGISTRATION by 29 May 2020	LATE REGISTRATION from 30 May 2020	ON SITE
EFC and VOM Member	750,00 €	850,00 €	870,00 €
Non Member	830,00 €	930,00 €	950,00 €
Student	300,00 €	380,00 €	400,00 €
EFC and VOM member one day registration	360,00 €	400,00 €	440,00 €
One day registration	400,00 €	440,00 €	480,00 €
Accompanying person	210,00 €	210,00 €	210,00 €
Additional Exhibitor registration	400,00 €	400,00 €	400,00 €
Invited speakers + VIP	0 €	0 €	0 €

EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



SOCIAL EVENTS

Welcome Drink

- Sunday, 6 September 2020, 19:00-20:30
- Light refreshment and drinks
- Venue: TBA

Exhibition Opening

- Monday, 7 September 2020, 18:00-19:00
- Snacks and Drinks
- Venue: Square

Poster Party

- Tuesday, 8 September 2020, 18:30-20:30
- Snacks and Drinks
- Venue: Square

Congress Dinner

- Wednesday, 9 September 2020, 19:00-23:00
- Buffet
- Venue: Autoworld

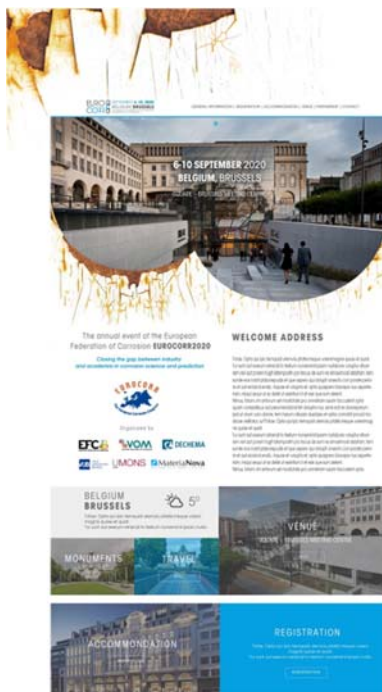


PROMOTION

- AETOC 2019, Valencia, 2. – 5. 4. 2019 – flyers inserted in the delegate bags
- Corrosion protection. Coatings, Minsk, 9.-12. 4. 2019, flyers inserted in the delegate bags
- Aluminium 2019, Treviso-Venice, Italy, 9.-13. 4. 2019, flyers inserted in the delegate bags
- CORROSION Oil & Gas, Russia, 22.–24. 5. 2019, flyers and roll-up
- AST 2019, Japan, 2.–5. 6. 2019 – flyers inserted in the delegate bags
- EIS 2019, Bordeaux, France, 2.-7. 6. 2019 - flyers inserted in the delegate bags
- ISE, Spain, 12. – 15. 5. 2019 - flyers inserted in the delegate bags
- SMT 33, Naples, 26.–28. 6. 2019 – flyers
- IEEE PES & IAS Power Africa Conference, Cape Town, 26.–29. 6. 2019, flyers inserted in the delegate bags
- Journées d'Electrochimie 2019, Toulouse, 2.–5. 7. 2019 - flyers inserted in the delegate bags
- NuCoSS-19 (Nuclear Corrosion Summer School 2019), Slovenia, 7.-12. 7. 2019 – 50 leaflets (flyers inserted in the delegate bags)
- GN CORR 2019, Palermo, Italy, 3.-5. 7. 2019 - flyers inserted in the delegate bags
- ECEE 2019, Glasgow, 21.–26. 7. 2019 - flyers inserted in the delegate bags
- ISE, South Africa, 4.–9. 8. 2019 - flyers inserted in the delegate bags
- EUROCORR 2019, Seville, 8. –13. 9. 2019 – booth, flyers inserted in the delegate bags
- ECASIA 2019, Germany, 15.–20. 9. 2019 – flyers inserted in the delegate bags
- AVS 66th International Symposium & Exhibition, Ohio, 20. –25. 9. 2019 – flyers
- 10th European Stainless Steel Conference, Vienna, 30. 9. –2. 10. 2019 - flyers inserted in the delegate bags
- ICS Conference, US, Atlanta, 21 –24. 10. 2019 – flyers to Yaiza
- LTC 2019, Nancy, France, 19-21. 11. 2019 - flyers inserted in the delegate bags
- CORROSION 2020 / NACE, Houston, USA, 15.-19. 3. 2020 - flyers inserted in the delegate bags



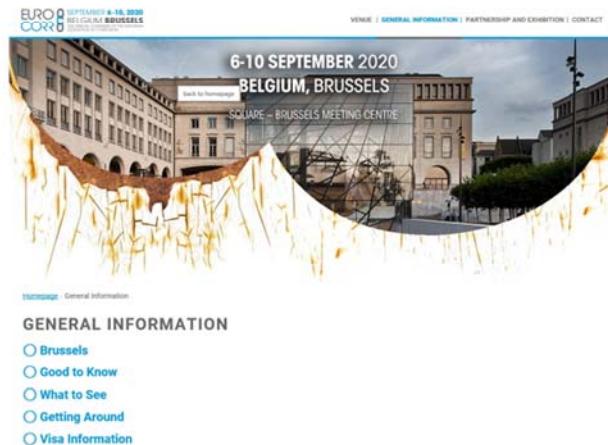
EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



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WEB PAGE

WWW.EUROCRR2020.ORG



ELECTRONIC POSTER



The Electronic Poster is designed to display presentation in electronic form

- Search, display and evaluate electronic posters
- Displaying additional information on the event (Schedule, general information, information about the venue, etc.)
- Displaying news



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)



EUROCORR SEPTEMBER 6-10, 2020
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FEDERATION OF CORROSION

MOBILE APPLICATION

- Thanks to the app, participants will have all the important information always at hand.
- The application offers a variety of modules for participants with valuable information about the event.
- It is always available for downloading at Google Play and the Apple Store.



EUROCORR SEPTEMBER 6-10, 2020
BELGIUM BRUSSELS
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FEDERATION OF CORROSION

MOBILE APPLICATION

- **General information:** Statistic data that are loaded into application in advance and do not change during the conference e.g. maps, invitations, partners, information about location, organizer, expert guarantor, etc.
- **Programme:** The complete Programme of the Conference, which allows you to evaluate individual lectures, ask to send presentations, send messages to authors, view abstracts, full text search
- **Speakers:** List of speakers with full-text search. It can display all the lectures specific speaker with full functionality as a module programme
- **Timeline:** Simple graphical representation of the event programme for easy orientation in time
- **Personal Programme:** Allows you to build a personal programme during the event. Warns of a possible time conflicts for each presentation
- **Posters:** Part for viewing the list of electronic posters and abstracts. It allows you to evaluate images, send a request for sending, write the authors, etc.
- **News:** Display News with the possibility of sending a push-up messages that the client wants to convey to the participants



EUROCORR 2020 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)

**EURO
CORR** **SEPTEMBER 6-10, 2020**
BELGIUM BRUSSELS
THE ANNUAL CONGRESS OF THE EUROPEAN
FEDERATION OF CORROSION

WE ARE READY TO TAKE OFF

**THANK YOU FOR YOUR
ATTENTION. QUESTIONS? DO
NOT HESITATE TO CONTACT US!**



EUROCORR 2021 – Budapest (Hungary) - Initial Progress Report

Preparations for EUROCORR 2021

Budapest
September 19-23.



Photo: Zoltán Adrián

EUROCORR 2021 – Budapest (Hungary) - Initial Progress Report (Continued)



MOTTO of the event: Materials Science and Advanced Technologies for Better Corrosion Protection

Organisational structure

- The main responsibility for organization of the conference will fall on the **Local Organising Committee**, which will be made up of senior officers from **HUNKOR** and universities, supported by leading representatives of MTA (Hungarian Academy of Sciences), research institutes, and industry.
- **DECHEMA** will be subcontracted to manage the abstract submission and evaluation process.
- **HUNKOR** (Hungarian Federation of Corrosion) working together with **Diamond Congress Ltd** will be managing the scientific and technical aspects of the conference, including the scientific programme, speaker invitations and liaison with STAC and DECHEMA regarding abstract submission and evaluation.
- **Diamond Congress Ltd.** in collaboration with **HUNKOR** will be managing the event logistics, including liaison with the conference venue, subcontractors and exhibitors and the day-to-day running of the conference.

EUROCORR 2021 – Budapest (Hungary) - Initial Progress Report (Continued)

Photo: Diamond Congress Ltd.

EUROCORR 2022 – Berlin – Bid from Germany



EUROCORR 2022 – Berlin – Bid from Germany (Continued)

1. INTRODUCTION OF THE ASSOCIATIONS

About DECHEMA

About GfKORR



About DECHEMA (founded in 1926)

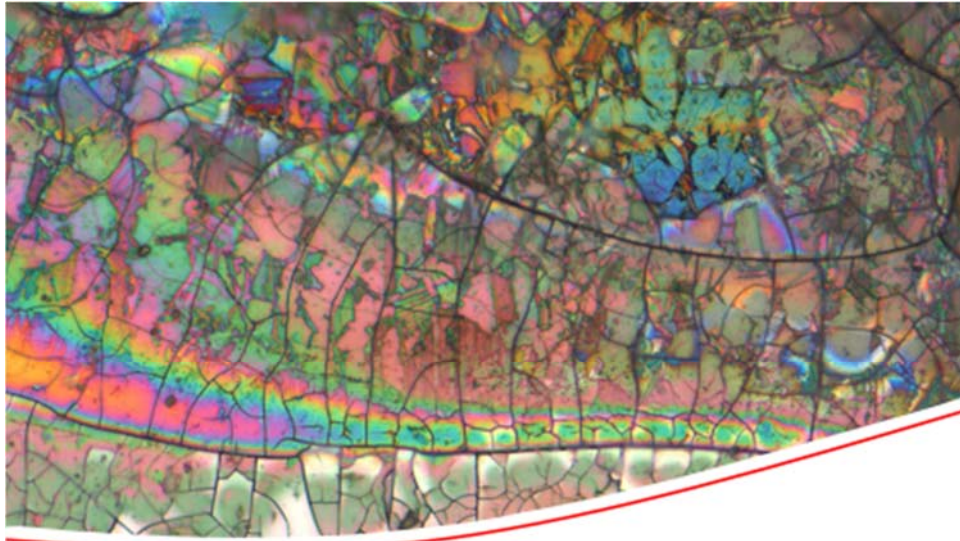


DECHEMA and GfKORR are non-profit scientific and technological societies:

- With more than 6,500 members – among these more than 700 companies and institutions
- Organiser of AICHEM

- About 100 conferences, colloquia and continuing education programs with more than 10,000 participants annually
- Thematic work in around 100 committees
- Post graduate studies for young researchers

EUROCORR 2022 – Berlin – Bid from Germany (Continued)



About GfKORR (founded in 1995)



GfKORR - Society for Corrosion Protection is a federation of corrosion experts from industry and academia working in all fields of corrosion science with the aim of avoiding corrosion and its negative consequences.

The work of GfKORR is devoted to the support of corrosion research and the dissemination of knowledge of corrosion protection in all relevant fields.

2. CONFERENCE DETAILS

The Venue – Estrel Hotel and Convention Center
 Capacities – Meeting Facilities
 Floorplans, Conference Area
 Conference Dinner
 Details of the planned EUROCORR
 Calculation
 Scientific Topics



EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Estrel Hotel and Convention Center



- located within easy reach of the city centre
- more hotels in direct proximity
- metro and bus station in front of the entrance
- 15 minutes from airport Schönefeld
- 30 minutes from airport Tegel
- state-of-the-art congress equipment
- meeting facilities for more than 10,000 attendees

Capacities – Meeting Facilities

ROOMS	SQM	THEATRE STYLE	CLASS ROOM STYLE
Convention Hall I A	1960 m ²	1500	1000
Saal Europa	258 m ²	200	150
Raum I	260 m ²	200	140
Raum IV	250 m ²	200	160
Raum V	259 m ²	200	150
Raum EFC	257 m ²	200	150
Raum EAMC 1	246 m ²	200	150
Raum EAMC 2	185 m ²	150	120
Raum EAMC 3	128 m ²	100	62
Raum EAMC 4	130 m ²	100	65
Raum EAMC 5	125 m ²	100	62
Raum EAMC 6	125 m ²	100	62
Raum EAMC 7	106 m ²	80	50
Raum EAMC 8	99 m ²	80	50
Raum EAMC 9	70 m ²	50	30
Raum EAMC 10	70 m ²	50	30

EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Floorplans

Conference Area

Lecture Halls, Exhibition, Poster Area, Welcome and Poster Party, Coffee and Lunch breaks

Hotel Area

Meeting rooms for Working Party Business Meetings



Conference Area

Lecture Halls, Plenary Lectures, Exhibition, Poster Area,
Welcome and Poster Party, Coffee and Lunch breaks



EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Conference Area

Lecture Halls, Plenary Lectures, Exhibition, Poster Area,
Welcome and Poster Party, Coffee and Lunch breaks



Conference Dinner, Welcome Party, Poster Party, Science Slam



The Estrel Convention Center is able to host all these site events in-house.
The Science Slam can be organised and moderated by the Young EFC

EUROCORR 2022 – Berlin – Bid from Germany (Continued)**Details of EUROCORR**

Expected number of participants : 1200

Participant profile (%)		Registration fee profile:	
Academics:	40	Member EFC:	780-880 €
Industry:	40	Non-Member EFC:	890-950 €
Students:	15	Students:	380-430 €
Complimentary:	1	Committee:	free
Committee:	4	Others (accompanying persons)	200 €



Approximate income	EURO	Calculation
Registration fees	781,000	
Exhibition	115,000	
Income	896,000	
Approximate expenses		
Conference & Exhibition halls (incl. BoA, STAC, ISO meeting rooms)	280,000	
Technical equipment and service	120,000	
Promotional material	30,000	
Website	10,000	+
Delegates material	45,000	+
Welcome reception	20,000	+
Coffee breaks/Lunches	175,000	+
Poster Session/Setup and rent of poster boards/Poster Party	55,000	*
Plenary Speakers (invited)	8,000	
Others (e.g. Paper Selection meeting, lunch, dinner STAC, BOA, ISO...)	10,000	
Secretariat/Travelling expenditure	35,000	
EFC Levy	78,100	*
Expenses	866,100	

* subject to number of participants / figures for 1000 paying participants and 45 exhibitors.

EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Scientific Topics

In addition to the scientific areas covered by the Working Parties, the following topics will be included:

- Corrosion and protection in new energy technologies
- Simulation, modeling and life time prediction
- Protection of light weight constructions
- Corrosion of biomedical devices
- Corrosion in chemical process industries



3. ACCOMMODATION

Hotels, Guesthouses and Hostels in Berlin

Berlin Hotel Capacities

Selection of Hotels



EUROCORR 2022 – Berlin – Bid from Germany (Continued)

About 800 accommodation establishments
such as hotels, guesthouses and hostels in
Berlin with more than 140,000 beds available

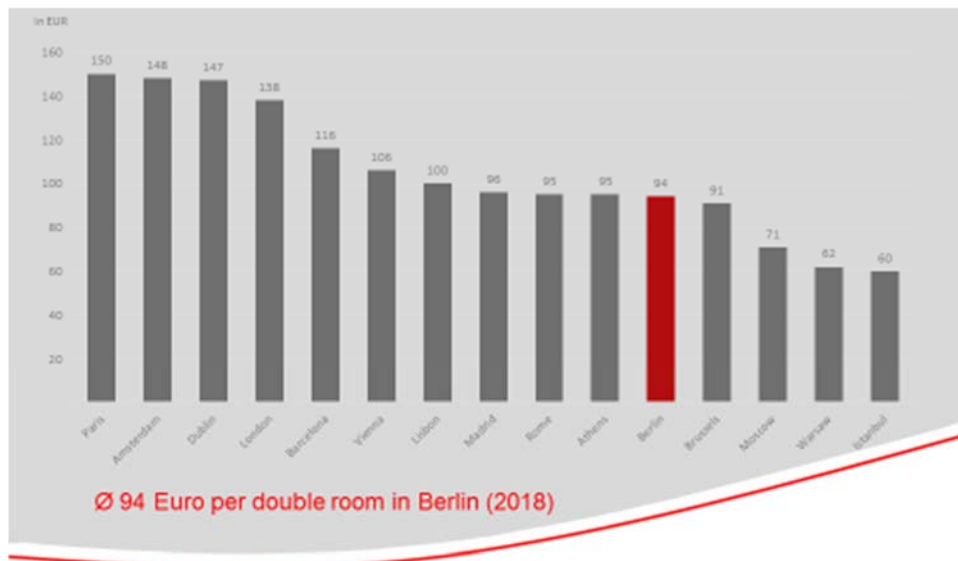
**Berlin Hotel Capacities**

CATEGORY	HOTELS	ROOMS	PRICES
*****	44	18,376	from 150 €
****	257	64,521	from 100 €
***	243	34,625	from 80 €
**	57	9,306	from 50 €
Unranked*	218	15,927	from 10 €
Total	819	142,755	

* Includes normal hotels, guesthouses and hostels



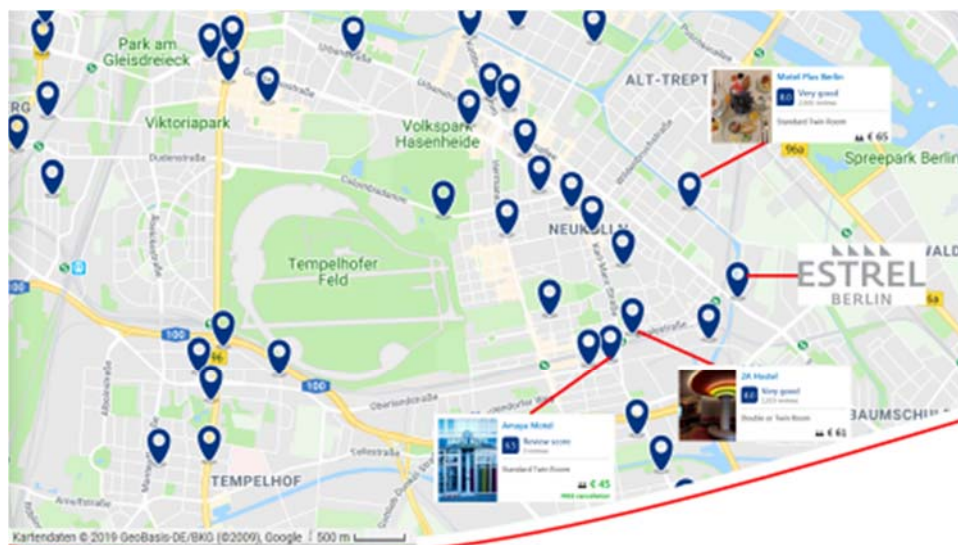
EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Good value for money in Berlin



Source : Hotel Price Index Trivago, Durchschnittspreis bezahlt via Trivago / Doppelzimmer / Feb. 2018- Feb. 2019



Selection of hotels
some examples of hotels
near the Conference Venue



4. TRAVEL AND TRANSPORTATION

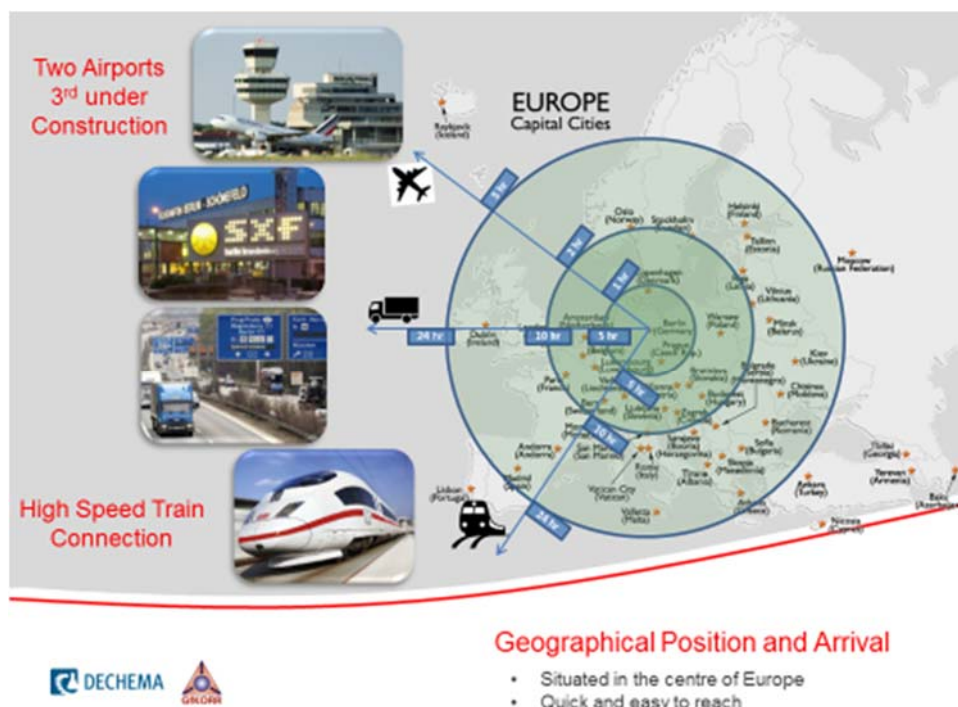
Geographical Position and Arrival



Direct flights to all major German airports,
flight time less than one hour.



EUROCORR 2022 – Berlin – Bid from Germany (Continued)



5. BERLIN: THE “WOW” FACTORS...

Berlin in Brief
History & Culture / Museums
Social Program
Culinary Highlights



EUROCORR 2022 – Berlin – Bid from Germany (Continued)**Berlin in Brief**

MORE MUSEUMS THAN RAINY DAYS **7,600 STATIONS AND STOPS**

LARGEST UNIVERSITY CITY 175 MUSEUMS

130 THEATRES **> 140,000 BEDS** TEN SPECIALISED COLLEGES

> 800 ACCOMMODATION OPTIONS **CAPITAL CITY**

NINE TIMES LARGER THAN PARIS **THREE UNIVERSITIES**

140,000 STUDENTS FOUR ART COLLEGES

5,500 RESTAURANTS NO "LAST CALL"

GREEN CITY

**History & Culture / Museums**

Reichstag, Museumsinsel,
Brandenburger Tor, Gedächtniskirche, Berlin Wall,
Castles Charlottenburg, Sanssouci, Grunewald and Bellevue
175 Museums e.g. Pergamon Museum, National Gallery, Checkpoint Charlie



EUROCORR 2022 – Berlin – Bid from Germany (Continued)



Social Program

Guided City Tours, Berlin Wall History
Potsdam-Tour, Boat trips, Day trip to Spreewald
Theatre, Concerts, Nightlife, Shopping



Culinary Highlights

Home of the Berliner and Curry Wurst
Only place in Germany where you get coloured beer,
countless bars and typical German pubs and restaurants



EUROCORR 2022 – Berlin – Bid from Germany (Continued)

Thank you for your attention and voting for Berlin

EFC: New Flyer (March 2019)

EUROPÄISCHE FÖDERATION KORROSION

EUROPEAN FEDERATION OF CORROSION

EFC Membership

Member Societies are non-profit national organisations with interests in corrosion, in Europe or beyond. By joining the EFC, those organisations can offer all the advantages of a European and international network to their individual and corporate members. Important benefits available to EFC Member Societies include the opportunity to appoint members to the Working Parties, and to nominate candidates for the EFC administrative bodies and awards. Furthermore, everyone who belongs to an EFC Member Society qualifies for discounts on EFC products and services.

Affiliate Members are companies or research organisations/universities with corrosion-related activities, worldwide. The EFC has recently created this category of membership in order to better involve these organisations into its activities. Services offered to Affiliate Members include international visibility, benefits for exhibitors at the EUROCORR exhibition and the possibility to join a network of professionals with interest in corrosion.

The benefits of the two categories of EFC membership are listed in the table on next page.

How to join the EFC?

Individuals and corporate organisations can join the EFC by becoming a member of one of the EFC Member Societies. Please consult the EFC website to check if there is an EFC Member Society in your country. If not, you may contact offices@efcweb.org for details.

Corporate organisations and research laboratories/universities that need additional targeted benefits (see table on next page) can also apply for an Affiliate Membership. More information and application form are available on the EFC website.

EFC Membership – Benefits

	Member Society and their members	Affiliate Member
Access to WP for free is guaranteed	X	X
Access to past EUROCORR proceedings	X	X
Eligibility to the EFC Honorary Fellowship	X	
Eligibility to EFC administrative bodies	X	
Reduced registration fees at EUROCORR	X	X
Reduced fee to all EFC sponsored events	X	
Discount on conferences and publications of other MS (EFC membership card)	X	
Discount on EFC publications	X	X
Eligibility to host EUROCORR (European MS only)	MS ¹	
Appointment of members to Working Parties	MS ¹	
Nomination of candidates for administrative bodies and awards	MS ¹	
Free membership to WCO, subject to approval from WCO	MS ¹	
Discount on EFC booth at EUROCORR	MS ¹	X
Priority for choosing booth location		X
Events included in EFC calendar	MS ¹	X
Publication of events and case-studies in Newsletter	MS ¹	X ²
Reduced rates on advertising in the Newsletter		X
Logo and link on EFC website and in Newsletter	MS ¹	X
Courses and events with EFC endorsement and logo	MS ^{1,2}	X ²

1. Advantage available only to Member Societies, not to their members
2. Subject to approval from EFC



What is EFC?

www.efcweb.org

EUROPÄISCHE FÖDERATION KORROSION

EUROPEAN FEDERATION OF CORROSION

FEDERATION EUROPEENNE DE LA CORROSION

What is the EFC?

The EFC is a federation of about 30 societies with interests in corrosion based in over 20 different countries in Europe and beyond. Altogether, 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 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 United Kingdom.

The EFC has recently expanded its horizons beyond the confines of Europe by admitting International Member Societies. Furthermore, companies and research organisations / universities may join the Federation as Affiliate Members.

The EFC is a founding member of the World Corrosion Organisation (WCO), a non-governmental organisation of the United Nations.

General Secretariat

The offices of the General Secretariat are based at three major scientific societies:

The Institute of Materials, Minerals and Mining (IOM3)
297 Euston Road, London NW1 3AD, UK
Tel.: +44 20 7451 7300
Tasks: Finances, EFC books

DEHEMA e.V.
Theodor-Heuss-Allee 25, 60486 Frankfurt am Main, Germany
Tel.: +49 69 7504 143/209
Tasks: Membership matters, EFC website, EFC Newsletter

CEFRACOR
28 rue Saint-Dominique, 75 007 Paris, France
Tel.: +33(0)1 47 05 39 28
Tasks: Committee matters, EFC awards

General information: offices@efcweb.org

European Federation of Corrosion – AISBL
Avenue des Arts 56 / 4C, 1000 Brussels, Belgium

Working Parties

The EFC accomplishes its most important activities through 21 Working Parties devoted to various aspects of corrosion and its prevention:

- Corrosion and Scale Inhibition
- Corrosion by Hot Gases and Combustion Products
- Nuclear Corrosion
- Environment Sensitive Fracture
- Surface Science and Mechanisms of Corrosion and Protection
- Corrosion Education
- 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 and Petrochemistry
- Cathodic Protection
- Automotive Corrosion
- Tribo-Corrosion
- Corrosion of Polymer Materials
- Corrosion and Corrosion Protection of Drinking Water Systems
- Corrosion of Archaeological and Historical Artefacts
- Corrosion Control in Aerospace
- Corrosion Reliability of Electronics

The activities of the Working Parties include the organisation of technical sessions at EUROCORR and specialised courses and workshops, participation in collaborative research and testing programmes, as well as the preparation of reports, guidelines, draft standards, and proceedings for publication in the highly regarded EFC series of "green books" of which there are now over sixty.

EUROCORR

The European Corrosion Congress – EUROCORR, the EFC's annual conference, is the flagship event of the European corrosion calendar. Attracting upwards of 1000 delegates, it is held every year in September in a different European country. EUROCORR is famous for its high technical standard and its popular social programme.

Further information can be found on the congress website at www.eurocorr.org.

EFC Network

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 Working Parties as well as the EFC Newsletter free of charge. To register as a Friend of the EFC, please complete the application form on the EFC website at www.efcweb.org.

Young EFC

The Young EFC is an active network of students, young researchers and engineers in the field of corrosion and protection of materials. Its aim is to support young corrosionists in their career development, by providing them with a network, promoting their interests, organising events, and facilitating mentoring by senior experts. You can join the Young EFC on the EFC website at www.efcweb.org/youngefc.







Connecting Knowledge

EFC BYE-LAWS**Proposed revision**

The Task Force on Bye-Laws, created after the registration of the new statutes, proposes this revision of the EFC bye-laws.

The task Force is composed of:

Damien Féron, EFC Président,
Arjan Mol, EFC Vice-President
Wolfram Fürbeth, EFC STAC Chairman
Roman Bender, EFC Scientific Secretary
Juliya Bugajeva, EFC Treasurer
Hélène Illaire, EFC Managing Officer

12 February 2019

EFC BYE-LAWS - Proposed revision (Continued)

BYE-LAWS OF THE EUROPEAN FEDERATION OF CORROSION (EFC)

Proposed Revision February 2019

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EFC BYE-LAWS - Proposed revision (Continued)

1 THE OBJECTIVES OF THE EFC AND INTENTION OF THE BYE-LAWS

1.1 The Objectives of the EFC, given in Article 3 of the Statutes, are as follows:

"The purpose of the Association, registered as **an international non-profit organisation in Belgium (AISBL)**, is primarily to contribute to the general advancement of the science of corrosion and of the protection of materials by promoting cooperation in Europe 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."

1.2 The Bye-Laws are intended to provide EFC with working rules that conform to the letter and spirit of the Statutes that are lodged in Belgium (decree of 4 July 1983, last modification of the Statutes published in the official Belgian gazette "Moniteur Belge" on 30 November 2017).

EFC BYE-LAWS - Proposed revision (Continued)

2 WORKING PRINCIPLES OF THE EFC

The work of the EFC is based on collaboration between its Member Societies as described in Articles 5.1 and 6.1 of the Statutes (and quoted in para. 5 below). Nothing done by or in the name of the EFC shall detract from the autonomy of any Member Society. Thus, all the technical and scientific activities of the EFC are carried out by, or in close cooperation with, the Member Societies or their representatives.

As a general rule, all matters of a financial, constitutional or legal nature are considered by a Board of Administrators (BoA, para. 11); all matters of a scientific and technical nature are considered by a Science and Technology Advisory Committee (STAC, para. 12), with both bodies being accountable to a General Assembly (para. 10) composed of delegates from Member Societies.

A President, Vice-President and Treasurer (Article 15 of the Statutes) are elected by the General Assembly on a proposal from the Board of Administrators (see para. 11.1).

The EFC President, Vice-President and the STAC Chairman must live and work in Europe and be a member of a European Member Society.

EFC BYE-LAWS - Proposed revision (Continued)

3 WORKING METHODS OF THE EFC

The EFC seeks to achieve its objective by any or all of the following means:

- 3.1 providing opportunities for the exchange of views on corrosion and corrosion control;
- 3.2 providing sources of information and education on corrosion and corrosion control;
- 3.3 promoting the documentation of information and its access on corrosion and corrosion control;
- 3.4 providing, when appropriate, assistance to Member Societies, Affiliate Members and Branches;
- 3.5 cooperating with other appropriate organisations or institutions, within or outside Europe;
- 3.6 establishing Working Parties (para. 14) and, as necessary, Task Forces (para. 15) to survey and report on specific areas of corrosion science and technology;
- 3.7 encouraging meetings for the discussion of the science and technology of corrosion; normally, meetings of this type will be organised by the national Member Society or Societies: meetings may also be organised on specific topics by an appropriate Working Party, often with the encouragement and support of industry, and in such cases the national society or societies should be informed to ensure that there is no clash of interests;
- 3.8 preparing a Calendar of Events that lists all corrosion-related events together with meetings organised by, or supported by, Member Societies that will attract an EFC event number (see para. 19);
- 3.9 preparing Newsletters in printed and/or electronic form and press releases to disseminate information about work in the fields of corrosion and corrosion prevention and the activities of Member Societies and of the EFC generally;
- 3.10 encouraging Member Societies to issue invitations to members of other EFC Member Societies to attend functions and meetings held by them on favourable terms;
- 3.11 entering into cooperation agreements with other like-minded bodies (e.g. NACE, etc.);
- 3.12 participating in worldwide corrosion organisations (e.g. WCO);
- 3.13 establishing branches in and outside Europe, where no societies/organisations in the field of corrosion protection exist;
- 3.14 maintaining an up-to-date website.

EFC BYE-LAWS - Proposed revision (Continued)

4 DEFINITION AND ADMISSION OF MEMBERS

The EFC is composed of the following categories of members:

4.1 Member Societies (European)

European Member Societies are defined in Article 5.1 of the EFC Statutes, and the process of their admission is defined in Article 5.2.

4.2 Member Societies (International)

European Member Societies are defined in Article 6.1 of the EFC Statutes, and the process of their admission is defined in Article 6.2.

4.3 Individual Members

Individual Members are defined in Article 7 of the EFC Statutes.

4.4 Honorary Members,

Honorary Members are defined in Article 8 of the EFC Statutes

4.5 Affiliate Members

Affiliate Members are defined in Article 9.1 of the EFC Statutes, and the process of their admission is defined in Article 9.2.

4.6 Branches

Branches are defined in Article 10 of the EFC Statutes. In addition:

- 4.6.1 Branches are established in and outside Europe, where no societies/organisations in the field of corrosion protection exist.
- 4.6.2 The objective of branches is to encourage the formation of societies/organisations in the field of corrosion protection, where they do not exist.
- 4.6.3 A minimum of 5 members is required to initiate the formation of a Branch.
- 4.6.4 Branches may be hosted either at EFC or by a structure in and outside Europe.
- 4.6.5 Each Branch has its own business model, and its own level of membership fees for individuals and institutions. The business model and the level of membership fees are subject to Board of Administrators recommendation and General Assembly approval.

EFC BYE-LAWS - Proposed revision (Continued)

5 FULL RIGHTS OF MEMBERS

5.1 Rights of Member Societies (European & International)

Member Societies are entitled to:

- 5.1.1 be represented in the General Assembly (see para. 10);
- 5.1.2 receive agenda, working papers and minutes of meetings of the General Assembly;
- 5.1.3 propose candidates to the Board of Administrators (para. 11) and the Science and Technology Advisory Committee (para. 12) and appoint delegates to EFC Working Parties (para. 14);
- 5.1.4 have the benefit of participation of their individual members in EFC Working Parties as a matter of right;
- 5.1.5 provide the Secretariat of a Working Party;
- 5.1.6 volunteer to host a EUROCORN event (para. 20) but noting that this event must be held in a European country (European Member Societies only);
- 5.1.7 propose the formation of an EFC Working Party (para. 14);
- 5.1.8 register meetings as EFC events, **subject to approval of EFC (para. 19);**
- 5.1.9 receive current information via the EFC Newsletters;
- 5.1.10 propose nominees for awards presented by, or in conjunction with, the EFC;

N.B. The rights of MEMBER SOCIETIES, as defined in para. 4.2, are maintained for so long as the Member Society is not in arrears in payment of its subscription for more than twelve months from the date of issue of the invoice by the EFC Treasurer (see para. 9.4).

5.2 Rights of Members and Honorary Members

Members and Honorary Members are entitled to:

- 5.2.1 have the benefit of reduced registration fees for EUROCORN
- 5.2.2 have the benefit of participation in EFC Working Parties as a matter of right;

5.3 Rights of Affiliate Members

Affiliate Members are entitled to:

- 5.3.1 be represented in the General Assembly (see para. 10) without voting rights;
- 5.3.2 receive agenda, working papers and minutes of meetings of the General Assembly;
- 5.3.3 have the benefit of participation of their individual members in EFC Working Parties as a matter of right;
- 5.3.4 receive current information via the EFC Newsletter;
- 5.3.5 propose nominees for awards presented by, or in conjunction with, the EFC;
- 5.3.6 register courses as EFC courses, **subject to approval of EFC (para. 19);**
- 5.3.7 **discount on fees for EUROCORN booths.**

EFC BYE-LAWS - Proposed revision (Continued)

N.B. The rights of AFFILIATE MEMBERS, as defined in para. 4.3, are maintained for so long as the Affiliate Member is not in arrears in payment of its subscription for more than twelve months from the date of issue of the invoice by the EFC Treasurer (see para. 9.4).

5.4 Rights of Branches

Branches are entitled to:

- 5.4.1 be represented in the General Assembly (see para. 10) without voting rights;
- 5.4.2 receive agenda, working papers and minutes of meetings of the General Assembly;
- 5.4.3 have the benefit of participation of their individual members in EFC Working Parties as a matter of right;
- 5.4.4 receive EFC related information via the EFC Newsletters;

N.B. The rights of Members of the BRANCHES, as defined in para. 4.5, are maintained for so long as the Members of Branches are not in arrears in payment of its subscription for more than twelve months from the date of issue of the invoice by the EFC Treasurer (see para. 9.4).

5.5 Resignation right

According to Article 11 of the Statutes, any Member Society, Member, Honorary Member, Affiliate Member or Branch has the right to resign from the Association. Notice of this decision must be given in writing to one of the three offices of the General Secretariat.

6 DUTIES OF MEMBER SOCIETIES, AFFILIATE MEMBERS and BRANCHES

The duties of Member Societies, Affiliate Members and Branches are:

- 6.1 to be represented in the General Assembly;
- 6.2 to inform the Paris Secretariat of the EFC of the intention, or otherwise, to be represented at the General Assembly with, if possible, the name of the delegate;
- 6.3 to nominate delegates to EFC Working Parties, except for Affiliate Members and Branches;
- 6.4 to ensure that their individual members are aware of the activities of the EFC including the opportunities for membership of Working Parties without further payment;
- 6.5 to make nominations for places on the EFC Board of Administrators and the Science and Technology Advisory Committee, except for Affiliate Members and Branches;
- 6.6 to inform EFC, through the Scientific Secretary, of activities such as symposia, special meetings, etc., in their countries, that would be of importance to other Member Societies, Affiliate Members, and Branches (e.g. through reports for the EFC Newsletters);
- 6.7 to ensure, wherever possible, that delegates to EFC committees, working parties, etc., receive financial support, in whole or in part, for attendance at these committees;
- 6.8 to pay to the EFC (London Office (see para. 7.1)) on receipt of the invoice from the EFC Treasurer an annual membership subscription as agreed by the General Assembly (see para. 9.1 and, for non-payment, para. 9.4).
- 6.9 the Branches, when admitted as members, designate one of their own members who takes part in the meetings.

EFC BYE-LAWS - Proposed revision (Continued)

7 SECRETARIATS

The administration of EFC is carried out by the founding countries: Belgium, Germany, France, UK.

7.1 General Secretariat

The General Secretariat consists of three Offices at the following organisations:

- DECHEMA e.V., (Gesellschaft für Chemische Technik und Biotechnologie e.V.), Frankfurt am Main, GERMANY (referred to as the Frankfurt Office);
- The Institute of Materials, Minerals and Mining, London, UK (referred to as the London Office);
- CEFRACOR, Paris, FRANCE (referred to as the Paris Office).

Administrative tasks are undertaken by these Offices as follows:

- Frankfurt Office: Membership of the EFC and maintenance of membership records of the Board of Administrators, Science and Technology Advisory Committee, and Working Parties, and notification of elections and appointments to these, EFC website, EFC Calendar of Events, Newsletters; EUROCORN Congress Secretariat
- Paris Office: EFC Awards and arrangements for meetings of the General Assembly and the Board of Administrators
- London Office: Financial matters of the EFC

7.2 Registered Office

The Registered Office in Belgium, mentioned in the Statutes, has responsibility for maintaining liaison between EFC and the Belgian Administration in a timely manner.

The responsibilities of the Registered Office are, assisted by an EFC officer:

- | | |
|-------|---|
| 7.2.1 | to register the annual financial statement with the competent Commercial Court in Belgium (see para. 9.3) |
| 7.2.2 | to publish the composition of the Board of Administrators in the official Belgian journal “Moniteur Belge”, when the composition of the Board of Administrators has changed |
| 7.2.3 | to publish the Statutes of the EFC in the official Belgian journal “Moniteur Belge”, when the Statutes have been updated |
| 7.2.4 | to publish the new registered address of the EFC in the official Belgian journal “Moniteur Belge”, when the address of the legal seat has been transferred |
| 7.2.5 | to maintain liaison with the Belgian authorities when necessary |

- 7.3 There is provision to change the Secretariats, if need be. This will require the approval of the General Assembly.

EFC BYE-LAWS - Proposed revision (Continued)

8 LANGUAGES

The official languages of the EFC shall be the languages of the Offices of the General Secretariat.

The working language of the EFC shall be English.

9 FINANCE

9.1 Subscriptions

In accordance with Article 12 of the Statutes, "The amount of the annual subscription for Member Societies, and Affiliate Members and members of the Branches is adopted by the General Assembly on the proposal of the Board of Administrators".

Invoices for annual subscriptions will be issued to the Member Societies, Affiliate Members and members of the Branches by the Treasurer of the EFC in April each year and should be paid on receipt.

9.2 Budget

A budget will be prepared by the EFC Treasurer for review by the Board of Administrators, and then submitted to the General Assembly for approval. This budget will be implemented from January 1st of the year following the approval of the General Assembly. The budget will be included in the working papers for the General Assembly meeting and circulated to the Member Societies and Affiliate Members prior to the meeting.

9.3 Annual Financial Statements

EFC financial year end is December 31st. Annual financial statements will be prepared by the EFC Treasurer; Annual financial statements will be prepared by the EFC Treasurer for review by the Board of Administrators and then submitted to the General Assembly for approval. Financial statements will be included in the working papers of the General Assembly and circulated to the Member Societies and Affiliate Members prior to the meeting. Following the General Assembly approval, annual financial statements will be signed by two EFC Administrators and submitted to "Moniteur Belge" by the Belgium office representative.

9.4 Non-Payment of Subscriptions

A Member Society or Affiliate Member or members of the Branch shall be deemed to have left the EFC when the annual subscription is in arrears of more than twelve months from the date of issue of the invoice. However, an enquiry will normally be made to the Member Society/Affiliate Member/member of the Branch by the Frankfurt Office - as responsible for membership matters - before action is taken to exclude a Member Society/Affiliate Member.

A Member Society/Affiliate Member/member of the Branch whose membership has lapsed through non-payment of their subscriptions may rejoin the EFC on approval of the General Assembly. The rejoining Member Society will not be eligible for any discount on membership fees normally available to new Member Societies, unless specifically approved by the Board of Administrators.

9.5 Special Funds

The Board of Administrators may authorise the acquisition of funds to carry out special tasks that fall within the remit of the EFC.

EFC BYE-LAWS - Proposed revision (Continued)

9.6 Financial Contributions

The EFC and/or its Working Parties may accept financial contributions from other bodies, including industry, for general support. Such contributions will be recognised in the annual financial statement. Where contributions are made for specific activities, for example, for a Working Party task or meeting, the publicity or report of this activity shall be described as being of EFC origin with acknowledgement of the contribution from the other party.

9.7 Honorary Service

All members of the General Assembly, the Board of Administrators, and the Science and Technology Advisory Committee, serve in an entirely honorary capacity. The President and the Treasurer of the EFC serve in an honorary capacity, but are entitled to claim travel and subsistence funds for tasks entrusted to them by the General Assembly.

Members of the Board of Administrators and the STAC Chairman may, in exceptional circumstances (for example, where there are no funds available from a Member Society or employer), apply to the EFC Treasurer for some financial assistance towards the costs of attending a Board meeting.

9.8 Bank accounts

EFC operates two bank accounts, one in the UK and one in Belgium. All payments made from either of the EFC bank accounts must be electronically signed off by two authorised representatives, one of which is the EFC Treasurer.

A good practice is to have 3 signatures for the Belgium account: the EFC Treasurer, the Belgian representative and the Vice-President.

9.9 VAT

EFC is registered for VAT in Belgium. Quarterly VAT reports are prepared by the VAT advisor in Belgium and submitted to the Belgian authorities based on the information provided by the VAT accountant and the EFC Treasurer.

EFC BYE-LAWS - Proposed revision (Continued)

10 GENERAL ASSEMBLY

The General Assembly considers the present and future activities of the EFC, provides policy guidance to the Board of Administrators and the General Secretariat, approves the budget for the forthcoming year, and takes decisions on important matters affecting the EFC.

10.1 Composition of the General Assembly

Two groups of people are entitled to attend meetings of the General Assembly, as follows:

- 10.1.1 Representatives of Member Societies: the representatives shall preferably be specialists in the field of corrosion. Only one nominated member of each Member Society is entitled to vote;
- 10.1.2 Representatives of Affiliate Members and of EFC Branches, members of the Board of Administrators, Chairman of the Science and Technology Advisory Committee, Chairmen of EFC Working Parties, and Honorary Members of the EFC may attend the General Assembly but without voting rights except when present as a nominated representative as described in 10.1.1 above.

The Chairman of the General Assembly will be the President of the EFC (see Article 22 of the Statutes).

10.2 Duties of the General Assembly

The duties of the General Assembly are to:

- 10.2.1 take decisions on all matters of principle concerning the work of the EFC;
- 10.2.2 consider the long-term development of corrosion research and corrosion control and suggest fields of work to which particular attention should be directed
- 10.2.3 appoint the members of the Board of Administrators following the results of a call for nominations made to the Member Societies (see para. 11.1);
- 10.2.4 appoint the members of the Science and Technology Advisory Committee following the results of a call for nominations made to the Member Societies (see para. 12.1);
- 10.2.5 approve the appointments, if the nominations are considered to be appropriate, of the following officers of the EFC as put forward by the Board of Administrators:
 - 10.2.5.1 *the President;*
 - 10.2.5.2 *the Vice-President;*
 - 10.2.5.3 *the Treasurer;*
 - 10.2.5.4 *the Scientific Secretary;*
 - 10.2.5.5 *the Managing Officer;*
- 10.2.6 receive and approve reports from the Board of Administrators and the Science and Technology Advisory Committee on their activities and decisions;

EFC BYE-LAWS - Proposed revision (Continued)

- 10.2.7 approve, on the recommendation of the Board of Administrators, the level of subscriptions of Member Societies and Affiliate Members;
 - 10.2.8 approve a budget for income and expenditure for the calendar year following the year in which the General Assembly is held;
 - 10.2.9 approve annual financial statements for the year preceding the year in which the General Assembly is held;
 - 10.2.10 discharge administrators of their responsibility
 - 10.2.11 decide on applications for new Member Societies and Affiliate Members and the creation of EFC branches on recommendation of the Board of Administrators
 - 10.2.12 decide on modifications to the Statutes and Bye-Laws of the EFC as and when required.
- 10.3 Working Procedures of the General Assembly
- 10.3.1 The General Assembly shall meet on the occasion of an EFC event, and preferably at EUROCORN (see para. 20).
 - 10.3.2 If the same representative is appointed by more than one Member Society that representative may exercise each Society's vote on its behalf: the number of votes that the representative may cast is limited to three.
 - 10.3.3 Proxy voting on behalf of any Member Society is acceptable on the basis of a written authority from the Member Society concerned which must be given to the President before the start of the General Assembly meeting.
 - 10.3.4 Voting, when necessary, will be by a show of hands unless the representative of a Member Society requests a secret ballot, in which case it will be held; two scrutineers selected from non-voting delegates should be appointed with the approval of the voting delegates; (matters on which a vote could be requested will normally be emphasised in the working papers for the General Assembly meeting so that Member Societies can instruct their voting representative in advance).
 - 10.3.5 The minutes of the General Assembly meeting will be taken by a member of one of the three Offices of the General Secretariat and will record the discussions leading to recommendations and decisions reached at the meeting; the minutes will be presented in the English language.
 - 10.3.6 Those persons responsible for implementing decisions reached at the General Assembly should be identified in the minutes.
 - 10.3.7 The date and venue for a meeting of the General Assembly will be notified by the Paris Office of the General Secretariat to the Secretaries of Member Societies - or to those appointed by a Society to respond to EFC business - at least three months in advance of the meeting.
 - 10.3.8 The working papers for the General Assembly meeting will be prepared and issued by the Paris Office of the General Secretariat at least one month before the meeting.
 - 10.3.9 Notice of intention to be present at the General Assembly should be sent to the Paris Office not less than two weeks before the meeting (failure to comply with this request will not prevent attendance at the meeting, the purpose is to enable an attendance list to be made available for delegates on arrival at the meeting).

EFC BYE-LAWS - Proposed revision (Continued)

11 THE BOARD OF ADMINISTRATORS

The composition and responsibilities of the Board of Administrators are defined in Articles 14, 15, 16, 17 and 18 of the Statutes.

11.1 Membership of the Board of Administrators

Five groups of people are entitled to attend meetings of the Board of Administrators, as follows:

- 11.1.1 One member representing each of the General Secretariat offices (France, Germany and UK) and one from the country of registration in law (Belgium) of the EFC, together with eight other elected members, three representing Member Societies drawn from amongst European Members in countries other than the four administrators referred to above and five drawn from amongst the EFC members at large, i.e. European and International Members. Only these twelve members are entitled to vote.

For the founding countries (France, Germany, UK, Belgium) and if there is more than one Member Society, the process of nomination should include a joint consultation between Member Societies of the country in question before the nomination.

The Frankfurt Office will issue a call for nominations at least six months before the date of the General Assembly at which the election will be made. The nominations will be submitted by the Frankfurt Office to the President of the EFC who should ensure that at least seven different countries are represented. The President should seek further nominations from Member Societies, if necessary, to ensure that this requirement is met. The President may not withhold any nomination.

The list of nominations shall be sent by the Frankfurt Office to the Paris Office for inclusion in the working papers for the General Assembly.

The Board of Administrators will nominate and elect the President and Vice-President of the EFC from among its members and those of the Science and Technology Advisory Committee. Members of the Board of Administrators elected to these offices remain members after appointment; these appointments do not result in vacancies on the Board, the membership of which does not normally exceed fifteen persons.

- 11.1.2 The Chairman of the Science and Technology Advisory Committee, the Scientific Secretary, the Managing Officer, the EFC Treasurer and one representative of the Young EFC are invited to attend meetings of the Board of Administrators in an ex officio capacity without the right to vote.
- 11.1.3 A representative from each of the three Offices of the General Secretariat shall take part in the meetings of the Board of Administrators without the right to vote.
- 11.1.4 A minutes secretary (see para. 11.5.7).
- 11.1.5 Further members may be co-opted into the Board of Administrators under exceptional circumstances by decision of the elected members and approval of the General Assembly. Co-opted members have no voting rights unless elected to the post of President or Vice-President.
- 11.2 The term of office of members of the Board of Administrators is three years. At the expiry of their term of office, administrators are eligible for re-election for one further term of office (Article 14 of the Statutes).
- 11.3 On resignation, a member of the Board of Administrators will be replaced by a person nominated by a Member Society in the country of the resigned member and without further approval by the General Assembly to serve for the balance of the term.

EFC BYE-LAWS - Proposed revision (Continued)

11.4 Duties of the Board of Administrators are to:

- 11.4.1 prepare proposals for the General Assembly;
- 11.4.2 ensure that resolutions of the General Assembly are carried out;
- 11.4.3 take any necessary decision on behalf of the EFC between the meetings of the General Assembly in accordance with the Statutes and Bye-Laws;
- 11.4.4 supply the General Assembly with a report of its activities and decisions;
- 11.4.5 liaise with the Science and Technology Advisory Committee on the establishment of new EFC Working Parties;
- 11.4.6 decide, on the basis of submissions received, on the host country for EUROCORR at least three years in advance of the proposed date and inform the General Assembly;
- 11.4.7 review a budget of income and expenditure and annual financial statement prepared by the EFC Treasurer for submission to the General Assembly;
- 11.4.8 approve a budget for travel and subsistence expenditure to be incurred by the Officers of the EFC;
- 11.4.9 propose from among its members and those of the Science and Technology Advisory Committee a President and a Vice-President of the EFC; the proposal to be forwarded to the General Assembly for approval.

11.5 Working Procedures of the Board of Administrators

- 11.5.1 The Board of Administrators may be referred to as the BoA.
- 11.5.2 The BoA shall be chaired by the EFC President.
- 11.5.3 A meeting of the BoA will be notified to its members at least three months in advance.
- 11.5.4 A provisional agenda and working papers will be prepared and distributed to members by the Paris Office, preferably not less than one month before the date of the meeting.
- 11.5.5 A member of the BoA may be represented by a person nominated from the country of the member; the nominee may exercise only one proxy vote.
- 11.5.6 The chairman and seven other members of the BoA constitute a quorum.
- 11.5.7 Minutes of the BoA meetings will be taken by a member of the Paris Office, or by some other person at the request of the Paris Office.
- 11.5.8 The minutes will be circulated only to members of the BoA or their nominated alternates and others present at the meeting and should identify those members of the BoA to be responsible for the actions arising from the meeting.
- 11.5.9 Generally, the meetings of the BoA will be hosted at the location of the year's EUROCORR. Liaison with the host will be the responsibility of the Paris Office (see also 11.5.4 above).
- 11.5.10 The BoA must meet at least once per year. Under normal business arrangements the meetings of BoA will be held twice a year with one of the meetings being held during the annual EUROCORR Congress and the other in conjunction with the STAC meeting and/or EUROCORR paper selection meeting.

EFC BYE-LAWS - Proposed revision (Continued)

12 THE SCIENCE AND TECHNOLOGY ADVISORY COMMITTEE

The Science and Technology Advisory Committee shall advise the EFC on scientific, technological and educational matters and the implementation of decisions concerning these.

12.1 Membership of the Science and Technology Advisory Committee

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

12.1.1 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 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.

12.1.2 Chairmen of EFC Working Parties are full members with the same voting rights as elected members. The Scientific Secretary and the Chairmen of the STAC Task Forces are invited to attend meetings of STAC in an ex officio capacity without the right to vote.

12.1.3 The President and Vice-President of the EFC, a representative of the Young EFC as well as representatives of the EFC Secretariat may attend meetings but without voting rights.

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

12.2 Duties of the Science and Technology Advisory Committee

12.2.1 To establish Working Parties (see para. 14) in accord with the Objective of the EFC (para. 1).

12.2.2 To receive and discuss reports from the Working Parties and STAC Task Forces, and to encourage cooperation between Working Parties.

12.2.3 To encourage Working Parties to publish their reports, guidelines and collections of scientific papers, preferably in the EFC book series.

12.2.4 To participate in the arrangements for the technical sessions at EUROCORR as members of the International Scientific Committee.

12.2.5 To elect from among its members the juries for the European Corrosion Medal, the Cavallaro Medal, the Kurt Schwabe Prize, the EUROCORR poster prize and part of the jury members for the EFC Honorary Fellow Award.

EFC BYE-LAWS - Proposed revision (Continued)

- 12.2.6 To give its agreement for any new EFC Award.
- 12.2.7 To select and prepare scientific and technical items for the Agenda of the General Assembly.
- 12.2.8 To report to the General Assembly, via the Scientific Secretary, on the activities of the STAC.
- 12.2.9 To report to the BoA, via the STAC Chairman, on activities of the STAC and on any matters falling within the responsibility of the BoA.

12.3 Working Procedures of the Science and Technology Advisory Committee

- 12.3.1 The Science and Technology Advisory Committee may be referred to as the STAC.
- 12.3.2 The STAC shall meet at least once a year and preferably on the occasion of a EUROCORR meeting one day in advance. In all cases, the venue and local arrangements for the meeting will be the responsibility of a Member Society. The Member Society will bear any costs associated with the local arrangements for a STAC meeting.
- 12.3.3 The Chairman will be nominated by and elected from among its voting members and will retain voting rights. The term of office of the Chairman shall be three years with the option of re-election for no more than one further term.
- 12.3.4 The STAC will be assisted by a Scientific Secretary (para. 16) to be appointed by the BoA taking into account the wishes of the STAC. (Appointment by the BoA is necessary as the Scientific Secretary is a paid official of the EFC and the BoA is responsible for expenditure associated with the work of the Scientific Secretary (para. 11.2)).
- 12.3.5 At least three months before a meeting of the STAC the Scientific Secretary will issue the invitation to those entitled to attend, i.e. as described in para. 12.1, with the date and venue as agreed at the previous meeting. Liaison with the hosting Member Society will be the responsibility of the Scientific Secretary.
- 12.3.6 The Scientific Secretary in consultation with the STAC Chairman will prepare a draft Agenda and circulate this to those invited to attend. Working papers will be issued not later than three weeks before the meeting.
- 12.3.7 The Scientific Secretary will be responsible for taking the minutes of the meeting and for their subsequent distribution. In addition to circulation to all members of the STAC, one copy of the minutes shall be lodged with each of the three Offices of the General Secretariat.
- 12.3.8 The Chairman, or appointed deputy, and 50 % of the elected members constitute a quorum.
- 12.3.9 In the case of the resignation of an elected member of the STAC a replacement will be sought from the resigned member's Member Society. If no nomination is offered, the STAC may co-opt a new member.

EFC BYE-LAWS - Proposed revision (Continued)

13 PRESIDENT'S ADVISORY COMMITTEE (PAC)

The President's Advisory Committee may be referred to as the PAC.

13.1 Membership of the President's Advisory Committee

The following persons are entitled to attend PAC meetings:

- 13.1.1 The President, Vice President and immediate Past President
- 13.1.2 Representatives of the General Secretariat Offices (France, Germany and the UK) and one representative from the country of representation in law (Belgium).
- 13.1.3 The Chairman of the Science and Technology Advisory Committee, the Scientific Secretary, the EFC Treasurer and the EFC Managing Officer.
- 13.1.4 Other persons may be invited by the President to attend.

13.2 Duties of the President's Advisory Committee are to:

- 13.2.1 prepare proposals for the BoA;
- 13.2.2 ensure that resolutions of the BoA and GA are carried out;
- 13.2.3 review day to day running of EFC, including and not limited to financial matters, issues arising with member societies, Working Parties, EFC Branches and interface with Belgian authorities;
- 13.2.4 prepare a budget of income and expenditure and annual financial statements for submission to the BoA;
- 13.2.5 propose level of membership subscription fees, EUROCORR levy and other fees for submission to the BoA;
- 13.2.6 prepare and propose the EFC strategy.

13.3 Working Procedures of the President's Advisory Committee

- 13.3.1 The PAC shall be chaired by the EFC President or by an EFC Officer proposed by the President.
- 13.3.2 A meeting of the PAC will be notified to its members at least one month in advance.
- 13.3.3 A provisional agenda and working papers will be prepared and distributed to members by the EFC Managing Officer, not less than one week before the meeting.
- 13.3.4 Minutes of the PAC meeting will be taken by the EFC Managing Officer or by some other person at the request of the Managing Officer or of the President.
- 13.3.5 The minutes will be circulated only to the members of PAC or their nominated alternatives and others present at the meeting within 2 months, and should identify those members of the PAC responsible for the actions arising from the meeting.
- 13.3.6 Generally, the meetings of the PAC will be hosted by one of the offices of the General Secretariat or at an alternative location chosen by the EFC President. Liaison with the host will be the responsibility of the Managing Officer.
- 13.3.7 Under normal business arrangements, the meetings of the PAC will be held twice a year approximately two months before the BoA meeting.

EFC BYE-LAWS - Proposed revision (Continued)

14 WORKING PARTIES

14.1 Principles

- 14.1.1 Working Parties (WPs) are formed with the aim of achieving collaboration on any aspect of corrosion or corrosion control.
- 14.1.2 WPs are the principal means of conducting the technical and scientific work of the EFC.
- 14.1.3 Member Societies have an automatic right to appoint delegates to WPs.
- 14.1.4 WPs may be established to work in the following areas, although the list is not exclusive:
 - Study and critical assessment of the literature in the field of interest of the WP with a view to updating and publication;
 - Preparation of State of the Art reports;
 - Preparation of Guidelines documents as a basis for recommendations for good practice and for submission to Standards writing bodies;
 - Drawing up recommendations for the education and training of corrosion experts at various levels;
 - Preparation of training courses;
 - Organisation of symposia on subjects of importance to the WP;
 - Conducting field surveys on corrosion topics or laboratory corrosion tests across various European countries;
 - Providing technical support to standardisation bodies and to CEN, in particular.

14.2 Formation of a Working Party

- 14.2.1 A Working Party may be formed on the proposal of the General Assembly, the BoA, the STAC, a Member Society or industry. WPs should not be started in topic areas where similar activities have already been well established on a European basis by a Member Society. A WP should be proposed only where the topic has significance in a European context. Topics associated with a particular country should, in general, be the responsibility of a Member Society in that country. That Member Society may, however, invite the EFC to establish an EFC WP. Alternatively, the topic, if of clearly defined objectives, could be investigated by a Task Force of the EFC (see para. 15).
- 14.2.2 A proposal for the formation of a Working Party must receive, on enquiry from the proposer or from the EFC Scientific Secretary, the written support of at least four Member Societies in good standing. This requirement is essential since Member Societies provide the major financial input for the operation of the EFC. It will apply even in cases where the initial proposal for formation of a Working Party comes from industry.

EFC BYE-LAWS - Proposed revision (Continued)

- 14.2.3 Proposals for the formation of a Working Party should be directed, in the first instance, to the Scientific Secretary who will, after making the appropriate enquiries, bring the proposal to the attention of the STAC. In summary, the following steps are required to establish an EFC Working Party. These steps should be taken in the order shown, but with the possibility of varying this as described below:
- A proposal, including scope and purpose;
 - Approval of Member Societies;
 - Approval by STAC;
 - Inaugural meeting;
 - Final approval by the General Assembly.
- 14.2.4 A proposal for establishing a new EFC Working Party should be submitted to the Scientific Secretary not later than three months before the date of a STAC meeting. The proposal should contain the following information:
- The status of the proposer, i.e. one of the bodies mentioned in para. 14.1;
 - The name, address, telephone, Fax and e-mail details of the contact person;
 - The name of the EFC Member Society of which the contact person mentioned above is a member;
 - A short statement, of up to 100 words, of the suggested scope and objectives of the WP;
 - An indication of interest already expressed (this could mention Member Societies, industry, other European Institutions, etc.);
 - A proposal for the time, venue and convenor for an inaugural meeting of the WP.
- 14.2.5 For approval of Member Societies the Scientific Secretary will take the following actions:
- Inform all Member Societies by letter or e-mail of the proposal with a request for a reply within six weeks indicating approval or objection; the letter should also invite Member Societies to nominate up to two delegates to attend the inaugural meeting of the Working Party;
 - Include the proposal, together with any replies from Member Societies, in the working papers for the next STAC meeting at which the STAC will be invited to approve the establishment of the new WP. The convenor of the proposed WP should be invited to attend the STAC meeting and introduce the proposal.
- 14.2.6 The STAC will examine the proposal taking particular care to ensure that the proposed field of activities fits into the technical and scientific scope of the EFC and that cooperation in the fields covered by other EFC WP and Member Societies or by any existing international working group is encouraged.

EFC BYE-LAWS - Proposed revision (Continued)

- 14.2.7 Following agreement by the STAC, the convenor of the proposed WP will be invited to proceed with the inaugural meeting; invitations to this meeting must include Member Society delegates as nominated in 14.2.2 above. EXCEPTIONALLY, where the above timetable would incur a delay of several months before the inaugural meeting could be held, and where there is a pressing demand for work to start, the inaugural meeting may be held before the STAC meeting. In this case, it will be necessary for the proposer in conjunction with the EFC Scientific Secretary to make the enquiries set out in 14.2.2 so that Member Societies may have their views made known at the inaugural meeting.
- 14.2.8 At the inaugural meeting:
- A Chairman will be appointed from among those present. The Chairman must be a member of an EFC Member Society having Full Membership status;
 - A Vice-Chairman and/or a Secretary may be appointed at the request of the Chairman (if a Secretary is not appointed, it will be the responsibility of the Chairman or Vice-Chairman to carry out the tasks normally to be expected from a Secretary (see 0)). The Vice-Chairman and the Secretary must also be members of an EFC Member Society;
 - Terms of Reference and Objectives of the WP should be prepared;
 - A provisional membership list should be prepared which should indicate the EFC Member Society to which each WP delegate belongs. It is the duty of the Chairman to encourage WP delegates to join an EFC Member Society;
 - The Chairman should inform delegates to the WP that membership is free for all who belong to an EFC Member Society; other delegates, not belonging to an EFC Member Society, may, on the decision of the Chairman, be charged an annual fee to defray some of the administrative costs of the WP.
 - The Chairman is responsible for ensuring that a written record (minutes) is kept by the Secretary or other appointed person, of proceedings of the inaugural and subsequent meetings of the WP and that these minutes are sent to all members of the WP and to the EFC Scientific Secretary;
 - The requirements for a quorum at meetings of the WP should be decided by those present at the inaugural meeting.
- 14.2.9 The minutes of the inaugural meeting should then be included in the working papers for the next STAC meeting when the STAC will be invited to recommend the establishment of the WP to the General Assembly, taking into account any contrary views from Member Societies made at the inaugural meeting or to STAC.
- 14.2.10 On receipt of the minutes of the inaugural meeting of the WP, the Scientific Secretary will prepare a summary indicating the names of the officers, the Member Society nominations and all other proposed members for inclusion in the working papers of the next General Assembly which will be asked to approve the establishment of the new WP.
- 14.2.11 The Scientific Secretary will keep the STAC Chairman informed of progress in establishing the new WP and the STAC Chairman will, in turn, inform the BoA of progress.
- 14.2.12 The WP may begin its work following the inaugural meeting but will be recognised as an official Working Party of the EFC only after the EFC General Assembly has approved its establishment.

EFC BYE-LAWS - Proposed revision (Continued)

14.3 Duties of the Working Parties

- 14.3.1 To offer technical sessions as well as joint sessions with other working parties at EUROCORR and arrange their programme.
- 14.3.2 To publish their reports, guidelines and collections of scientific papers, preferably in an EFC series.
- 14.3.3 To organise workshops, symposia, summer schools, training courses or other events in their field of corrosion science and technology.

14.4 Duties of chairman, secretary and delegates of working parties

14.4.1 Principles

In the distribution of tasks between the Chairman, Vice-Chairman and Secretary, it should be borne in mind that there are Working Parties in which the Chairman and/or Vice-Chairman and Secretary have at their disposal a well organised secretariat either in one of the Member Societies or in the office of the company or enterprise to which they belong, and others in which the Chairman or Vice-Chairman and Secretary manage their own Secretariat (see also para 14.2.8).

In both cases, the office of the Scientific Secretary can, as a support service provided from EFC funding, offer facilities for the copying of minutes and other WP documents and for the posting of these to WP members.

A final distribution of tasks between Chairman, Vice-Chairman and Secretary of a WP on the basis of the following suggestions should therefore be decided in each WP.

14.4.2 Duties of the Chairman

The Chairman is responsible for ensuring that the stated objectives of the Working Party are achieved in a timely and effective manner.

The Chairman participates in the meetings of the STAC and provides, on request in advance from the Scientific Secretary, a written progress report on the activities of the WP for inclusion in the working papers. The Chairman may also, from time to time, be requested by the Scientific Secretary, to provide a summary of activities for inclusion in the EFC Newsletter.

The Chairman calls the meetings of the WP on his own initiative or on the request of WP members; in general it should not be necessary for the WP to meet more than twice each year although sub-groups of the WP charged with particular tasks may meet on other occasions.

The Chairman prepares and issues an Agenda for meetings and ensures that a suitable venue is available.

The Chairman is responsible for ensuring that minutes of WP meetings are taken and that copies are sent to WP members and to the EFC Scientific Secretary.

The Chairman is responsible for drawing up the programme for a session at EUROCORR in his work area when requested to do so by the Scientific Committee for the event.

14.4.3 Duties of the Secretary

The Secretary, together with the Chairman, is at the disposal of the WP for the clerical and administrative tasks involved; in such work advantage should be taken of the facilities afforded by the EFC Scientific Secretary (see 14.4.1 above);

The Secretary conducts the correspondence with WP members on behalf of the Chairman, and produces the minutes of each meeting.

EFC BYE-LAWS - Proposed revision (Continued)

14.4.4 Duties of the Vice-Chairman

The Vice-Chairman represents the Chairman at the Chairman's request (particularly for STAC or paper selection meetings where the Chairman is not available);

The duties of the Vice-Chairman include the duties of the Secretary when no Secretary is appointed.

14.4.5 Duties of Members

Members are expected to attend meetings of the WP on notification from the Chairman or Secretary;

Members should participate in the technical and scientific activities of the WP by providing reports and, wherever possible, by participating in collaborative experimental work;

Members are required to give full support, notably by submission of high quality papers, to the annual EUROCORN conference of the EFC.

14.4.6 Voting at WP meetings

A vote may be taken at a WP meeting on any matter except of a scientific or technical nature.

A simple majority is sufficient to approve a resolution. However, a secret ballot may be taken if requested by any member.

14.4.7 Replacement of Chairman

In the event of the resignation or dismissal of a WP Chairman (for example at the request of STAC because of inactivity), a new Chairman shall be proposed by the WP members and the decision communicated to the STAC Chairman. If a new Chairman is not proposed by the WP, the matter shall be referred to the STAC Chairman who will:

- appoint a temporary chairman;
- bring the matter to the attention of the STAC for resolution at its next meeting;
- refer the matter to the BoA if (1) and (2) produce no satisfactory result.

14.4.8 Review and dissolution of a Working Party

The activities of the WP are to be thoroughly reviewed by the STAC. It is the duty of STAC to advise the BoA and the General Assembly of the results of this review, i.e. whether the WP should continue or be dissolved.

Reasons for the dissolution of a WP will be the following:

- achievement of the objective of the WP;
- no activity on the part of the WP for two successive years.

The final decision on whether to dissolve a WP is taken by the General Assembly on a proposal of the BoA made on the recommendation of the STAC.

EFC BYE-LAWS - Proposed revision (Continued)

15 TASK FORCES

- 15.1 Task Forces may be established to carry out specific tasks that are not normally the responsibility of existing Working Parties or that have implications for the work of the EFC generally.
- 15.2 Task Forces may be set up by the BoA, STAC, **PAC** or Working Parties (to be referred to as the Parent Body). A Chairman will be appointed by the Parent Body, and the members of the Task Force will be selected by that Chairman. Neither the Chairman nor the members of the Task Force are required to be members of the Parent Body.
- 15.3 The Chairman of the Task Force will report to the Parent Body, as required.
- 15.4 A Task Force will be disbanded on completion of its work. **For example, a STAC Task Force set up for the establishment of a new Working Party will be disbanded if the Working Party is not established.**

16 THE SCIENTIFIC SECRETARY

Duties of the Scientific Secretary are:

- 16.1 development and coordination of the activities of STAC in cooperation with the STAC Chairman, Member Societies, Branches, the BoA, and the General Secretariat.
- 16.2 liaison with the Member Societies hosting STAC meetings and the issuing of the invitation (para. 12.3).
- 16.3 preparation and issuing of the Agenda and working papers for STAC meetings and the preparation and distribution of their minutes.
- 16.4 preparation of papers and reports for the dissemination of corrosion information across national boundaries, notably, but not exclusively, through publication in an EFC series of reports, guidelines, etc. (Detailed editing of manuscripts for publication in the EFC series is the responsibility of the series publisher).
- 16.5 reinforcement, where desirable, of scientific and technical links with other bodies having interests similar to those of the EFC.
- 16.6 maintaining an awareness of, and collaborating, whenever possible, with National, European, and International Standardisation bodies.
- 16.7 maintaining close contact with EFC Working Parties through their Chairmen.
- 16.8 presenting a report on the work of the Scientific Secretary to the STAC and the BoA at their meetings.
- 16.9 reporting to the General Assembly on the scientific and technical work of the EFC.
- 16.10 maintaining a Calendar of EFC and other important corrosion events.
- 16.11 approving and issuing EFC event/course numbers.
- 16.12 supporting the regular update of the EFC Working Party web pages and the pages on EFC events and courses based on the content received.

EFC BYE-LAWS - Proposed revision (Continued)

17 MANAGING OFFICER

- 17.1 Duties of the Managing Officer are detailed in the contract of the Managing Officer and are decided by the PAC and approved by the BoA.
- 17.2 Mandate of the Managing Officer: the EFC gives the power to the Managing Officer to represent the association for signing a contract with a third party with the agreement of the President and the Vice-President.

18 YOUNG EFC

18.1 The objective of Young EFC

Young EFC is an initiative created in 2016 by the EFC) that aims to support young researchers and engineers in the field of corrosion and protection of materials.

18.2 Working principles of Young EFC

- 18.2.1 The work of Young EFC is based on collaboration between young researchers and engineers, senior advisors, and the support of the board of the EFC.
- 18.2.2 Young EFC is organised by a Board constituted by members affiliated to one of the Member Societies that collaborates with the EFC.

18.3 Working methods of Young EFC - Rights and Duties of Young EFC

- 18.3.1 Young EFC Board members are invited as observers to STAC and/or BoA meetings of the EFC.
- 18.3.2 One member of Young EFC Board forms part of the jury of the EFC Poster Prize during EUROCORR.
- 18.3.3 Proposal and organisation of activities during EUROCORR are carried out in direct contact with the local Congress organisers and the President of the EFC.

18.4 Young EFC membership

- 18.4.1 The membership of Young EFC is open to all scientists and professionals linked to corrosion science and engineering topics. Nevertheless, the main target of Young EFC of activities is young researchers and professionals (under 35 years old, or with less than 10 years of professional experience). Young EFC accepts members from all over the world.
- 18.4.2 No fees are applied.

18.5 Finances of Young EFC

- 18.5.1 The BoA approves the annual budget of Young EFC.

EFC BYE-LAWS - Proposed revision (Continued)

19 EFC EVENTS

A meeting, conference, symposium, educational course or other similar event may be described as a numbered EFC event/course providing the following requirements are met

- 19.1 Applications to have an event accepted as an EFC event/course must be addressed to the EFC Scientific Secretary;
- 19.2 The event must be concerned with a topic or topics that fall within the interests of the EFC;
- 19.3 The event must be organised by a Member Society or Working Party of the EFC: in the latter case, the agreement of the national Member Society or Societies must be obtained (see also para. 3.8); a course may be organised by an Affiliate Member;
- 19.4 Events meeting the above requirements, but organised by other bodies, including industry, may be registered as an EFC event/course if written agreement is obtained from a Member Society in the country in which the event is to be held. In such cases, the Member Society must be invited to nominate a representative to the organising committee;
- 19.5 There should be no *unnecessary* restriction on the announcement of the event or on the attendance; there should be no *unnecessary* restriction on the subsequent reporting of the event although any requests from the organiser for speaker anonymity should be agreed in advance and respected;
- 16.6 Details of the event, dates, venue, language, organisers, publication route (if any), availability of abstracts or preprints, etc., should be entered on a form supplied by, and returned on completion to, the EFC Scientific Secretary;
- 19.7 Acceptance as an EFC event/course will ensure inclusion in the EFC Calendar of Events, publicity, and reporting in the EFC Newsletter.
- 19.8 Member Societies or Working Parties applying for EFC Event Numbers for meetings where there is an attendance charge may volunteer to offer a small discount to EFC members attending the event upon presentation of their EFC Membership Card (or equivalent membership card of their national EFC Member Society incorporating the EFC logo).
- 19.9 EFC Event Numbers should not be granted to events taking place within four weeks before or after EUROCORR.

NOTE: EFC event numbers are allocated in the order in which applications are received and are not related to the chronology of the events.

EFC BYE-LAWS - Proposed revision (Continued)

20 EUROCORR

EUROCORR (for which upper case letters should be used) is the title of the annual EFC corrosion conference.

The requirements for the venue, hosting and organisation of EUROCORR are as follows:

- 20.1 EUROCORR must be held in a European country and organised by an EFC Member Society or Societies. Where there is more than one Member Society in the country, it is desirable that all the Societies should be involved;
- 20.2 Bids for hosting EUROCORR must be submitted to the Frankfurt Office three years before the beginning of the year in which the event is to be held and not later than January 15. The BoA makes the final decision on the organiser of EUROCORR after consideration of all of the bids that have been received. Bids for hosting EUROCORR can only be accepted from Member Societies in good financial standing;
- 20.3 A bid to host EUROCORR should indicate the willingness of the organiser to enter into a form of agreement with the EFC via the EFC Congress Secretariat.
- 20.4 EUROCORR should ideally commence on a date between September 1st and October 15th; the scientific programme should have a duration of 3, 4 or 5 days and efforts should be made to avoid clashes with other major corrosion conferences.
- 20.5 EFC Member Societies are requested not to hold conferences on any topic related to corrosion and its prevention between these dates; where long standing commitments exist, the matter should be discussed by the STAC with a view to reaching an acceptable compromise (also see para. 19.9).
- 20.6 All Working Party Chairmen shall be invited to join the International Scientific Committee of EUROCORR.
- 20.7 The broad outlines of the technical programme should be discussed in the STAC, which will make appropriate recommendations to the organiser. A representative of the organising Member Society should be present at the STAC meeting.
- 20.8 The first announcement from the host society shall be made as soon as the date and venue have been established but preferably not more than two years before the event.
- 20.9 The second announcement of EUROCORR should not take place until the discussions (20.7 above) have taken place.
- 20.10 Publication of the proceedings of EUROCORR provided to delegates at the time of the conference is essential. Selected proceedings may be made generally available in the EFC Series or in some other special volume or in a corrosion journal published in Europe.

EFC Awards 2019 Recipients

EFC Medal 2019

- Prof. Maria de Fatima Grilo da Costa Montemor, Instituto Superior Técnico, Lisbon, Portugal



EFC Honorary Fellow Awards 2019

- Marcel Roche, CEFRACOR, France
- Ulf Kivisäkk, AB Sandvik Materials Technology, Sweden
- Liane Margaret Smith, Larkton Ltd., UK



EFC Awards 2019 Recipients (Continued)

EUROCORR Young Scientist Grants 2019

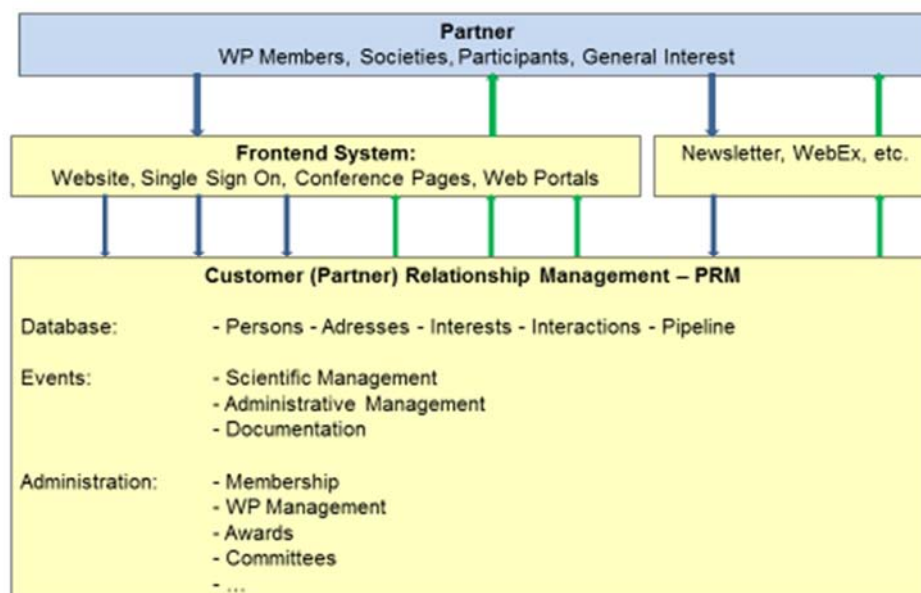
Applicant	Co-applicant	Topic
Leila Es Sebar, Politecnico di Torino, Italy	Prof. Philippe Marcus, CNRS-Chimie Paris Tech, France	Surface reactivity and corrosion mechanisms of Cu-based alloys
Yue Guo, University of Manchester, UK	Dr. Marta Mohedano, Complutense University of Madrid, Spain	Multifunctional LDH-PEO coatings on Mg alloys for biomedical applications
Di Mei, Helmholtz Zentrum Geesthacht, Germany	Dr. Tao Zhang, Northeastern University, Shenyang, China	Eco-friendly conversion coating on a Mg alloy in combination with corrosion inhibitors
Anke Silvia Ulrich, DECHEMA-Forschungs- institut, Frankfurt, Germany	Dr. Alexander Knowles, University of Birmingham, UK	TEM of oxide scales on Cr- rich high temperature alloys

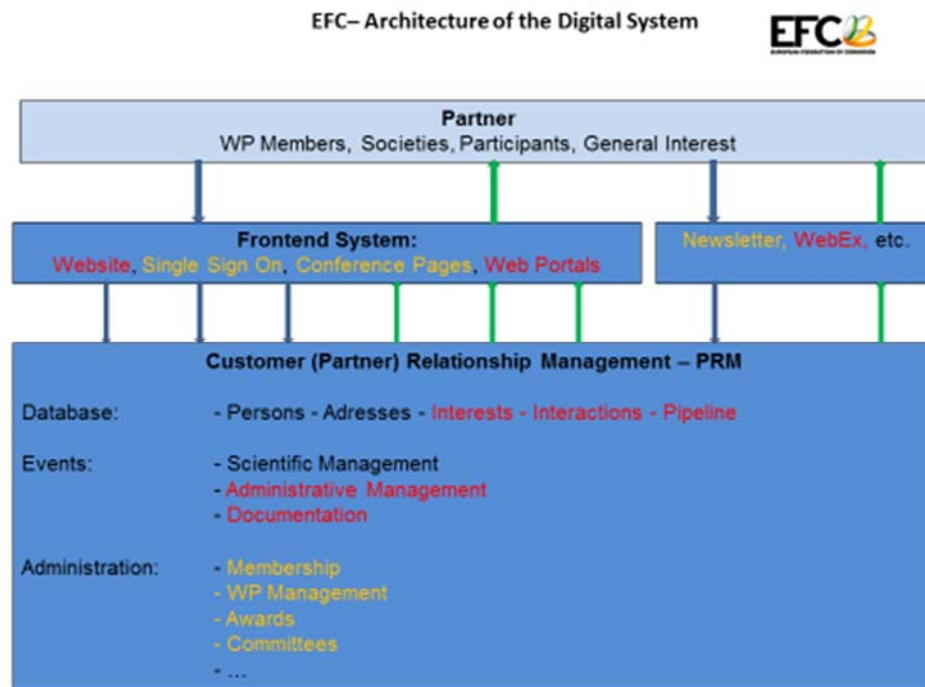


EFC Digital Strategy (Continued)



EFC– Architecture of the Digital System



EFC Digital Strategy (Continued)**Tender:**

- Building a Data Model for EFC Database (Adresses, Interests, Pipelines etc. Sales Force Like)
- Conference Management System with interfaces to Database
- Responsive Website to allow efficient access to all services EFC will offer

EFC Digital Strategy (Continued)

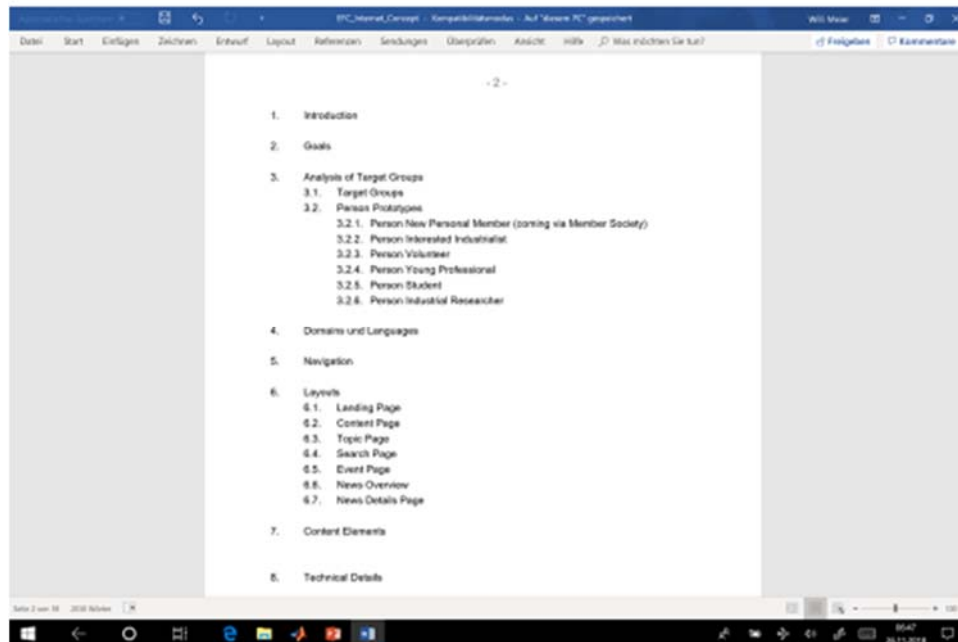


How to Proceed:

- Collecting competitive tenders
- Identify Key Users
- Setting up a Project Group
- Organising Work Shops to Design Detailed Specifications



EFC Digital Stgrategy (Continued)



Goals Website and beyond:



- **New target groups**, especially young scientists and students, are addressed.
- The new websites are visually attractive.
- The navigation is clear, the users are stringently guided to the desired content - nobody gets lost.
- The website can be used in its entirety **via smartphone and tablet** (especially conferences/events).
- Double maintenance is avoided, contents are easier to maintain (through better display options and better preparation of contents).
- There are fewer PDF downloads.
- The workflows are identical across all internal areas.
- The website provides a homogeneous view from the outside (even if different editorial offices enter content on the website).

EFC Digital Strategy (Continued)



Target Group Analysis (p. 4-6)

Person New Personal Member (coming via Member Society)

Person Interested Industrialist

Person Volunteer

Person Young Professional

Person Student

Person Industrial Researcher

EFC Single Sign On



EFC User Dashboard:

Address Management

Interests

Publications

Events

Committees

Favorite EFCpages

Publications



EFC Digital Strategy (Continued)



Introduction of EFC General Topics

Energy

Water

Health and Well-being

Food

Climate Change

Digitalization

....

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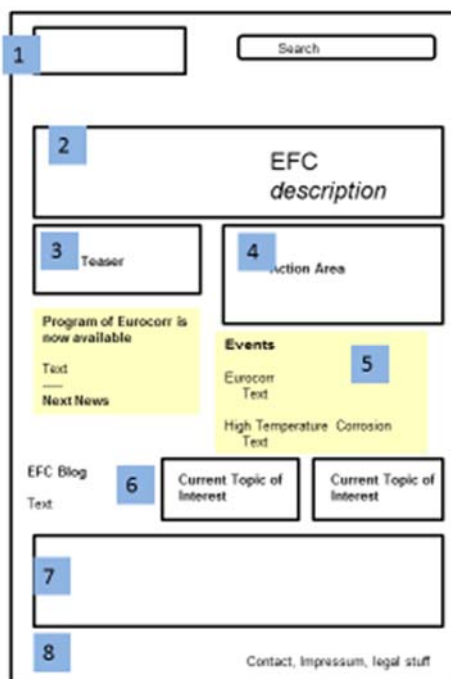
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Advantages:

General Topics make the Federation more visible for the community

More attraction

Structure of modern Research Programms



EFC Homepage Structure
p. 14

EFC Digital Stgrategy (Continued)

Layout Example for a Topic Page (p.17-18) (based on Energy page at DECHEMA)

1

Energy and Climate

The topic 'Energy & Climate' analyses the technological challenges posed by the transformation of the energy system, and identifies and evaluates relevant new technologies and products. This is accomplished by involvement in the corresponding **tasking groups** through contacts with external networks, the organization of **workshops**, **events**, participation in national and international research and development **projects**, and **publications**.

The transformation of our energy system into a more sustainable one, based on renewable energy sources, is both a tremendous challenge and a unique opportunity for society as a whole. This development will have a dramatic impact on the energy-intensive chemical industry, its products and processes. At the same time, however, the innovative technologies triggered by the chemical industry will also deliver the solutions to tackle this challenge.

Selected areas covered by the topic 'Energy & Climate':

- Energy storage systems and energy efficiency
- Carbon capture and utilisation (CCU)
- Power-to-X technologies
- Flexibilisation of industrial processes

We are working jointly with partners in industry and academia to promote sustainable use of energy and mitigation of greenhouse gases within the energy-intensive industry in Germany and Europe.

Subject Matter Expert:

4

3

TOP EVENTS

PUBLICATIONS

Treasurer's Report to the Board of Administrators - March 2019

FINANCE REPORT BOARD OF ADMINISTRATORS

1 April 2019 Seville

Introduction

1. Results for 2018
2. Current subscriptions position
3. Budget for 2019



Treasurer's Report to the Board of Administrators - March 2019 (Continued)

Results for 2018

	Budget 2018	Results 2018	Results 2017
Total income	80,000	83,006	98,592
Total expenditure	(91,720)	(77,864)	(91,432)
Surplus / (deficit)	(11,720)	5,142	7,160
Opening reserves	279,059	279,059	271,899
Closing reserves	267,339	284,201	279,059



Results for 2018

Income

- EUROCORR levy
€30,853

Expenditure

- Awaiting small number of invoices (~€3,000)
- Lower expenditure in some categories (total €13,500 saving against budget)

Treasurer's Report to the Board of Administrators - March 2019 (Continued)

Membership subscriptions

- 34 member societies
 - ▣ 1 new society in 2018
 - ▣ €48,014 received in 2018
- Outstanding subscription fees
 - ▣ 4 societies
- 2019 fees to be invoiced in April



VAT registration impact

- Paid €1,821 on VAT on behalf of 5 member societies to Belgium tax office
- Reclaimed €934 in VAT on expenses in Belgium
- Saved €6,067 in VAT on payments to other EU based organisations (reverse charge)

Treasurer's Report to the Board of Administrators - March 2019 (Continued)**Budget for 2019**

	2019 budget	2018 results
Total income	101,000	83,006
Total expenditure	(100,750)	(77,864)
Surplus / (deficit)	250	5,142
Opening reserves	284,201	279,059
Closing reserves	284,451	284,201



Young EFC Report (Continued)



YOUNG EFC

Yaiza Gonzalez-Garcia – April 2019

Activities – Eurocorr 2018

□ Young EFC meeting

The meeting was attended by about 70 participants, mainly PhD students, post-doc research fellow, young scientists in the industry and senior scientist.

The meeting consisted in a short introduction from the Young EFC board followed by the speeches from the Young EFC Grant winners 2017 and two lectures from senior scientists.

Getting together activity!

After the YEFC meeting, all participants could enjoy drinks and snacks offered by the local organizers.



Young EFC Report (Continued)

Activities – Eurocorr 2018

□ EFC mentoring program

The EFC mentoring program was officially launched.

Information about the activity was provided during the Young EFC meeting

www.efcweb.org/YoungEFC_Mentoring



Activities – Eurocorr 2019

□ Scientific Dissemination Workshop: Explaining Science

Big Van Science - www.bigvanciencia.com

Fees: free for the attendants

Number of attendants: 20 (following registration order). Registration for this workshop will appear during the online registration.

Time/Location: Monday 9 from 14.00-17.00 in the Venue (confirmation is needed)

Young EFC Report (Continued)

Activities – Eurocorr 2019

☐ Young-EFC meeting/ together activity

Time/Location: Tuesday 10 from 17.30-20.00 in the Venue (confirmation is needed)

Getting together afterwards: Confirmation from local organizer

Activities – Eurocorr 2019

☐ Support to the Corrosion Science Course

- Course organized by Johan Tidbald and Christofer Leygraf
- One of the Y-EFC board members (Marta Mohedano) will be present during the course (Saturday 7 - Monday 9 until 12:00) to offer in situ support.
- Together activity for Sunday evening

A walk around the city center and tapas dinner supported by the YEFC (~ 25 €/person)

Young EFC Report (Continued)

Other activities

- ☐ Contribution in the EFC newsletter
- ☐ Active interaction with the local organizers of the coming Eurocorr 2020 in Brussels
- ☐ Active exchange of news and advertisement of events (conferences, doctoral schools)
- ☐ Dissemination of the Corrosion awareness day – 24th April

Other activities

- ☐ Interaction with Young Chinese corrosionists within the CSCP
- ☐ Interaction with Elsevier Publisher of Corrosion Science

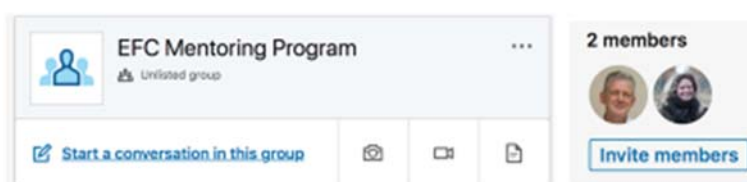
Young EFC Report (Continued)

Budget

Young EFC Financial Report		
	Income	Item
BUDGET 2018		
Income	2 000	Allocated by BoA
Expenses	124	Flyers & Posters for EUROCORR 2018
Surplus Year 2018	1 876	
BUDGET 2019		
Income	2 000	Allocated by BoA
Surplus year 2018	1 876	Approved by BoA
Total Budget 2019	3 876	
Expenses Expected	2 050	
	200	Flyers & Posters for EUROCORR 2019
	1 050	Big Van Science Workshop
	800	Social Event - Doctoral School
Surplus Year 2019	1 826	

Social Media

☐ LinkedIn Group



☐ LinkedIn Group YOUNG EFC

European Corrosion Directory: Proposed Agreement in English

Translation of the agreement between EFC and NOUVELLE PAGE COMMUNICATION

BETWEEN THE UNDERSIGNED

NOUVELLE PAGE COMMUNICATION

14 Domaine de la Forêt
78490 Montfort-L'Amaury
RCS Versailles : 829 291 756

Represented by M. Gilbert Assant, Président Directeur Général,

On one hand,

And

EUROPEAN FEDERATION OF CORROSION, FEDRATION EUROPEENNE DE CORROSION, 28, rue saint Dominique – 75007 PARIS, named EFC hereinafter and represented by its Past-President, Professor Damien FERON

On the other hand,

THE FOLLOWING HAS BEEN AGREED AND DECIDED:

ARTICLE 1:

In partnership with EFC, the “SAS NOUVELLE PAGE COMMUNICATION”, will publish the European Corrosion and Anticorrosion Yearbook.

ARTICLE 2 :

The content of the Yearbook (list of companies and organizations related to corrosion) is established by “SAS NOUVELLE PAGE COMMUNICATION”. The European and International members of the EFC will be able to check the list for their Country.

ARTICLE 3:

The S.A.S NOUVELLE PAGE COMMUNICATION, supports editing, creation, printing and will handle the routing of copies of the European Corrosion and Anticorrosion Yearbook.

The EFC (European and International members) and the EFC Affiliated members will receive a minimum of ten copies and a maximum of 100 copies if they request.

ARTICLE 4:

EFC European and International members will be entitled to a one-page editorial to introduce themselves. Affiliate members will be entitled to a half-page editorial to introduce themselves. EFC European and International members and Affiliate Members will receive a 10% discount on the price of advertising inserts.

ARTICLE 5:

The ECF will provide a list of occupations and trades related to corrosion and anti-corrosion.

European Corrosion Directory: Proposed Agreement in English (Continued)

ARTICLE 6:

In order to facilitate the marketing of advertising inserts “SAS NOUVELLE PAGE COMMUNICATION” plans to provides a commercial establishment in the following countries: France, England, Germany, Spain and Poland allowing the intervention of a privileged interlocutor in the appropriate language from European companies.

ARTICLE 7:

The format of the European Corrosion and Anticorrosion Yearbook is: 15 L X 21 H in French cm.

- Cover : 250g color printing
- Double-sided color printing of 90g inner paper

ARTICLE 8:

The EFC undertakes to submit to the “SAS NOUVELLE PAGE COMMUNICATION” the editorials of one page coming from European & International members and the half- page editorials written by the Affiliate members.

ARTICLE 9:

In return for their partnership, EFC will receive a fixed fee of 10% on the turnover excluding tax realized on the sale of advertising space.

During the edition of the directory 70% of the fee will be paid to the EFC on the estimate of the turnover and the supplement after receipt of the total turnover.

ARTICLE 10:

The EFC will facilitate the advertising campaign of SAS NOUVELLE PAGE COMMUNICATION by a support letter.

ARTICLE 11:

The “SAS NOUVELLE PAGE COMMUNICATION” will do the layout and the creation and will propose to the EFC at least 2 types of creation / graphic lines.

The “SAS NOUVELLE PAGE COMMUNICATION” will submit the last corrected proofs to the E.F.C for a “ready for printing” decision.

Therefore, the parties will together define the best possible execution of the schedule.

ARTICLE 12:

This publication agreement is for one edition.

EFC may cancel the agreement with immediate effect by registered letter with acknowledgment of receipt no later than three months after the publication of the directory.

“SAS NOUVELLE PAGE COMMUNICATION” may cancel the agreement with immediate effect by registered letter with acknowledgment of receipt no later than three months after the publication of the directory.

If the agreement is not cancel by one or other of the parties within the aforementioned deadlines, the agreement is tacitly renewed by period of one edition (dates of the following issues will be defined by mutual agreement).

In the event that the EFC wishes to cancel this publishing agreement, the “European Corrosion and Anti-Corrosion Yearbook” will remain the industrial an intellectual property of SAS NOUVELLE PAGE COMMUNICATION.

European Corrosion Directory: Proposed Agreement in English (Continued)

ARTICLE 13:

The EFC authorizes “SAS NOUVELLE COMMUNICATION” to collect all advertising revenues for “SAS NOUVELLE PAGE COMMUNICATION” own account and to sell the advertising space at the prices and conditions that it estimates.

The EFC has the right to refuse any publicity material, if EFC considers it contrary to the general line of EFC publications, EFC moral interests or commercial loyalty. However, the refusal must be legitimate and notified.

ARTICLE 14:

EFC will support “SAS NOUVELLE PAGE COMMUNICATION” by allowing it to use its names and signs in commercial documents related to the European Corrosion and Anti-Corrosion Yearbook.

ARTICLE 15:

For this agreement, the parties will elect their domicile at their “siege” indicated above.

ARTICLE 16 :

This Agreement constitutes the entire agreement of the parties with respect to its subject matter. It can only be modified by written amendment signed by both parties.

ARTICLE 17:

Any disputes that may arise between the parties with respect to the conclusion, execution or performance of this contract will be the exclusive jurisdiction of the Commercial Court of Versailles.

Made in Montfort-L’Amaury 29th January 2019.
(in duplicate, one for each contractor)

NOUVELLE PAGE COMMUNICATION

EUROPEAN FEDERATION OF CORROSION

M. Gilbert Assant

Professor Damien Feron

Chief Executive Officer

Past-President

European Corrosion Directory: Proposed Agreement in French

CONTRAT DE PARTENARIAT

ENTRE LES SOUSSIGNES

NOUVELLE PAGE COMMUNICATION

14 Domaine de la Forêt
78490 Montfort-L'Amaury
RCS Versailles : 829 291 756

Le prestataire représenté par Monsieur Gilbert Assant, Président Directeur Général,

D'une part,

Entre

EUROPEAN FEDERATION OF CORROSION, FEDRATION EUROPEENNE DE CORROSION, 28 rue saint Dominique – 75007 PARIS, dénommé EFC ci-après et représenté par son Past-Président, Professeur Damien FERON

D'autre part.

IL A ETE CONVENU ET ARRETE CE QUI SUIIT :

ARTICLE 1 :

En partenariat avec L'EFC, la SAS NOUVELLE PAGE COMMUNICATION, va éditer l'Annuaire Européen de la Corrosion et de l'Anticorrosion.

ARTICLE 2 :

Le contenu de l'annuaire (liste des sociétés et organisations liées à la corrosion) est établi par SAS NOUVELLE PAGE COMMUNICATION. Les sociétés membres de l'EFC (European et International members) pourront contrôler la liste pour leur Pays.

ARTICLE 3 :

De son côté la S.A.S NOUVELLE PAGE COMMUNICATION, prend en charge l'édition, la création, l'impression et se chargera du routage des exemplaires de l'Annuaire Européen de la Corrosion et de l'Anticorrosion.

Les sociétés membres (European and International members) et les membres affiliés (Affiliate members) de l'EFC recevront à minima dix exemplaires et au maximum 100 exemplaires s'ils en font la demande et pourront contrôler la liste pour leur Pays.

ARTICLE 4 :

Les sociétés membres (European and International members) auront droit à un rédactionnel d'une page pour se présenter. Les « Affiliate members » auront droit à un rédactionnel d'une demi-page pour se présenter. Les sociétés membres et les Affiliate Members auront droit à une réduction de 10% sur le prix des encarts publicitaires.

ARTICLE 5:

L'EFC fournira la liste des professions et des métiers liées à la corrosion et à l'anti-corrosion.

European Corrosion Directory: Proposed Agreement in French (Continued)

ARTICLE 6 :

Afin de faciliter la commercialisation des encarts publicitaires La SAS NOUVELLE PAGE COMMUNICATION, prévoit une implantation commerciale dans les Pays suivants : France, Angleterre, Allemagne, Espagne et Pologne permettant ainsi l'intervention d'un interlocuteur privilégié dans la langue appropriée auprès des sociétés européennes.

ARTICLE 7 :

Le format de l'Annuaire Européen de la Corrosion et de l'anti-corrosion est : 15 L X 21 H en cm à la française

- Couverture : 250g impression en couleurs
- Papier intérieur 90g impression en couleurs recto verso

ARTICLE 8 :

L'EFC s'engage à remettre à la SAS NOUVELLE PAGE COMMUNICATION le publireportage de deux pages pour chacune des sociétés membres.

ARTICLE 9 :

En contrepartie de leur partenariat l'EFC se verra rétribuer une redevance forfaitaire de 10% sur le chiffre d'affaire hors taxe réalisé sur la vente des espaces publicitaires.

A l'édition de l'annuaire 70% de la redevance sera versée à l'EFC sur l'estimation du chiffre d'affaire et le complément après encaissement total du chiffre d'affaire.

ARTICLE 10 :

L'EFC facilitera la campagne publicitaire de la SAS NOUVELLE PAGE COMMUNICATION par une lettre accréditive.

ARTICLE 11 :

La SAS NOUVELLE PAGE COMMUNICATION fera la mise en page et la création et proposera à l'EFC au moins 2 types de création/ligne graphique.

La SAS NOUVELLE PAGE COMMUNICATION soumettra un Bon à Tirer à l'EFC,

A cet effet, les parties définiront ensemble la meilleure possibilité d'exécution du calendrier planning.

ARTICLE 12:

Le présent contrat est conclu pour une édition.

Le présent contrat pourra être dénoncé par l'une ou l'autre des parties par lettre recommandée avec accusé de réception au plus tard trois mois après la parution de l'annuaire.

En cas de non-dénonciation par l'une ou l'autre des parties dans les délais précités, le contrat se renouvellera par tacite reconduction par période d'une édition (les dates de parutions suivantes seront à définir d'un commun accord) et ce dans les conditions du présent contrat.

Dans le cas où l'EFC voudrait dénoncer le présent contrat d'édition, l'annuaire Européen de la Corrosion et de l'anti-corrosion, en anglais the « European Corrosion and Anti-corrosion Yearbook », restera la propriété industrielle et intellectuelle de la SAS NOUVELLE PAGE COMMUNICATION.

European Corrosion Directory: Proposed Agreement in French (Continued)

ARTICLE 13 :

L'EFC autorise la SAS NOUVELLE PAGE COMMUNICATION à encaisser toutes les recettes publicitaires pour le propre compte de la SAS NOUVELLE PAGE COMMUNICATION et à vendre les emplacements publicitaires aux prix et conditions qu'elle estimera.

L'EFC se réserve le droit de refuser tous textes publicitaires, s'il les estime contraires à la ligne générale de ses publications, à ses intérêts moraux ou à la loyauté commerciale. Toutefois, le refus doit être légitime et notifié.

ARTICLE 14 :

L'E.F.C apportera son aide morale à la SAS NOUVELLE PAGE COMMUNICATION en l'autorisant à utiliser ses noms et signes dans les documents commerciaux.

ARTICLE 15 :

Pour l'exécution de présentes, les parties font élection de domicile en leur siège sus indiqué.

ARTICLE 16 :

Le présent contrat constitue l'intégralité de l'accord des parties en ce qui concerne son objet. Il ne pourra être modifié que par voie d'avenant écrit et signé des deux parties.

ARTICLE 17 :

Tous litiges pouvant survenir entre les parties relativement à la conclusion, l'exécution, ou la réalisation du présent contrat relèveront de la compétence exclusive du Tribunal de Commerce de Versailles.

Fait à Montfort-L'Amaury le 29 janvier 2019
(en deux exemplaires, dont un pour chacun des contractants)

NOUVELLE PAGE COMMUNICATION

Monsieur Gilbert Assant

Président Directeur Général

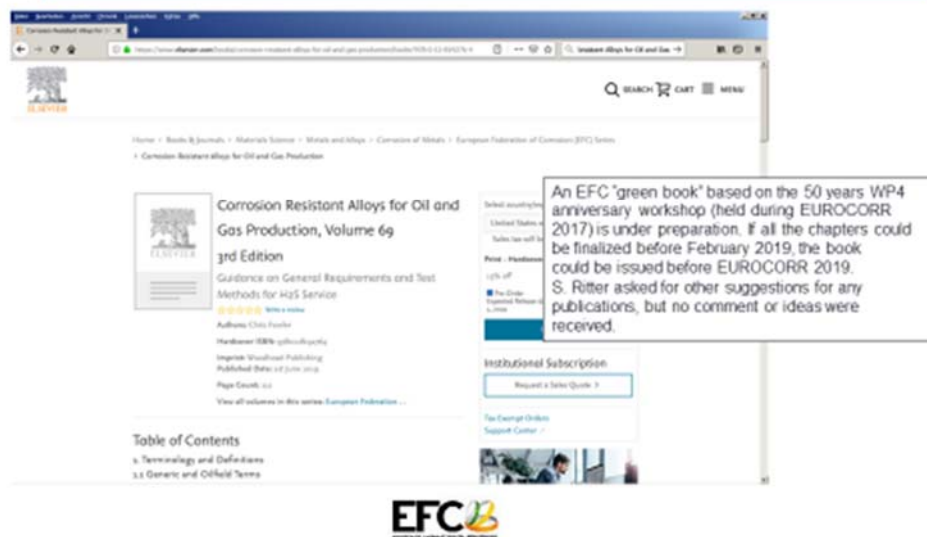
EUROPEAN FEDERATION OF CORROSION

Professeur Damien Feron

Past-President

EFC BoA Series

EFC Publications (EFC Meeting of the BoA, item 9-6.1)



Corrosion Resistant Alloys for Oil and Gas Production, Volume 69
3rd Edition
Guidance on General Requirements and Test Methods for H2S Service
Authors: Chris Fowler, Hans-Joachim Richter, Jürgen Richter
Imprint: Woodhead Publishing
Published Date: 1st June 2019
Page Count: 312
View all volumes in this series: European Federation of Corrosion (EFC) Series

Table of Contents
1. Terminology and Definitions
1.1 Generic and Off-Hold Terms

An EFC "green book" based on the 50 years WP4 anniversary workshop (held during EUROCORR 2017) is under preparation. If all the chapters could be finalized before February 2019, the book could be issued before EUROCORR 2019. S. Ritter asked for other suggestions for any publications, but no comment or ideas were received.

EFC
European Federation of Corrosion

EFC Publications in EFC Journals

EFC Publications

(EFC Meeting of the BoA, item 7-4.4)

Publication in the four EFC Journals

Corrosion News

 The German News Section, "Korrosionsnachrichten" is available free of charge on the Internet. Materials and Corrosion: www.tms.org

EFC Information

EUROCORR 2019

September 9-13, 2019, Seville (Spain)
As the 2019 hosts of the renowned annual corrosion congress EUROCORR, the Sociedad Española de Materiales, SOCHMAT, together with the European Federation of Corrosion, EFC, and DECHEMA, cordially invite you to attend EUROCORR 2019.

For more information, please contact: DEHEMA Gesellschaft für Chemische Technik und Biotechnologie e.V., Theodor-Heuss-Allee 25, 60486 Frankfurt am Main, Germany, Tel: +49 69 7564-0, essacon@dechema.de, www.essacon.org
-ETC0318-

Community News



Calendar of Events

- New Entry
-  Conference/Workshop/Symposium
- Fair
-  Exhibit

April 2019		
1. - S.A. Visitors Open		Wintersemester 2018 University of Münster Institute of Chemistry Department of Organic Chemistry 48159 Münster www.uni-muenster.de
2. - S.A. Visitors Open		MEQC 2019 – 11th International Workshop on Application of Electrochemical Techniques in Organic Synthesis University of Münster Institute of Chemistry Department of Organic Chemistry www.uni-muenster.de
9. - 13.A. Visitors Only		Absorption 2019 Institute of Chemistry Department of Organic Chemistry www.uni-muenster.de
September 2019		
8. - 13.A. Visitors Open		EUROCHEM 2019 European Federation of Chemists c/o IUPAC Department of Chemistry University of Münster www.uni-muenster.de

Materials and Corrosion

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Corrosion News

First published: 8 December 2017 | <https://doi.org/10.1002/mad.201701>[Read the full text](#) »

7/10 100% 100%

Germany: 1990-1999

EFC Publications
(EFC Meeting of the BoA, item 8-3)

Publication in the four EFC Journals



EFC Publications in EFC Journals (Continued)

EFC Publications

(EFC Meeting of the BoA, item 9-6.3)

Publication in the four EFC Journals



EFC Publications

(EFC Meeting of the BoA, item 9-6.3)

Publication in the four EFC Journals



EFC Web Site: Working Parties update

EFC Publications (EFC Meeting of the BoA, item 9-7)

