

BOARD OF ADMINISTRATORS

Virtual Meeting

Wednesday 29 September 2021

WORKING PAPERS

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WORKING PAPERS

Virtual Meeting of the Board of Administrators
of the
European Federation of Corrosion
29 September 2021

Venue of meeting:	Virtual online Meeting
Date and time of meeting:	Wednesday 29 September 2021 - 09:00
Chairman:	Dr. Jörg VOGELSANG - <i>EFC President</i>
Secretary:	Mrs. Pascale Bridou Buffet - <i>Paris Office</i>

**EUROPEAN FEDERATION OF CORROSION
VIRTUAL ONLINE MEETING OF THE BOARD OF ADMINISTRATORS
29 SEPTEMBER 2021 - 09:00**

PROPOSED AGENDA

- Item 1 Opening of the Meeting (JV)
- Item 2 Apologies for Absence (PBB)
- Item 3 Approval of the Agenda and Adoption of the Minutes of the last Meeting (JV)
- Item 4 Report on STAC Activities including Designation of Members of the EFC Award 2022 Juries (EFC Medal, Honorary Fellow Award, Cavallaro Medal)
- Item 5 EUROCORR Series: 2021, 2022, 2023 and 2024
 - 5-1 Virtual EUROCORR 2021 - Report on preliminary Results (AF/BM)
 - 5-2 EUROCORR 2022, Berlin (Germany) - Progress with Arrangements (RB)
 - 5-3 EUROCORR 2023, Brussels (Belgium) - Report on Preliminary Arrangements (MO)
 - 5-4 EUROCORR 2024, Paris (France) - Initial Progress Report (PhM)
- Item 6 Administrative Matters
 - 6-1 Applications for EFC Membership (FO)
 - 6-2 Evolution of EFC and EUROCORR in the coming years (JV)
 - 6-2.1 Digital platform EFC Hub on “Solved.fi” (JV, RB)
 - 6-2.2 Preliminary Results of the EUROCORR 2025 Questionnaires (TP)
 - 6-2.3 Restructuration of the EFC (JV)
 - 6-2.4 Status on “Diversity and Inclusion Policy” (GH/MM/AM)
 - 6-3 Administrative Procedures and Legal Obligations in Belgium (JB, MO)
- Item 7 EFC Activities
 - 7-1 Report of the Scientific Secretary (RB)
 - 7-2 Report on Activities of Young EFC (MM)
 - 7-3 Status on first labelling(s) of EFC Endorsed Corrosion Education (TP, RB)
 - 7-4 EFC on Social Media (MM)
 - 7-5 EFC Publications
 - 7-5.1 EFC Book Series (WF, RB)
 - 7-5.2 EFC Newsletter (RB)
 - 7-5.3 Progress with Items/Articles for the Publication in the five EFC Journals (RB)
 - 7-6 Last News from the EFC Web Site (RB)
- Item 8 International activities
 - 8-1 First Recipient of the International Award: Corrosion Awareness Honour (DF)
 - 8-2 AMPP: Progress of the Task Force on EFC Strategy (GH)
 - 8-3 Activities in Russia (DF)
 - 8-4 Activities in China (TP)
 - 8-5 WCO (World Corrosion Organisation) (DF)
- Item 9 Any other Business (JV)
- Item 10 Date and Place of next BoA (JV)

WORKING PAPERS OF THE VIRTUAL MEETING OF THE EFC BOARD OF ADMINISTRATORS (BoA)

Item 1 Opening of the Meeting

Dr. Jörg Vogelsang, President of the EFC and Chairman of the meeting, will welcome the delegates.

Item 2 Apologies for Absence

Mrs. Pascale Bridou Buffet, Paris Office, will announce apologies received for absence. A short introduction of the new Head of Frankfurt Office, Dr. Andreas Förster, will be given.

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

3-1 BoA members will be asked to approve the proposed agenda.

3-2 BoA members will be asked to approve the minutes of the Virtual online Meeting that took place on 24 March 2021 and to raise any issues not covered in the present agenda.

Item 4 Report on STAC Activities

Prof. Wolfram Fürbeth, Chairman of STAC, will summarize the main progress, initiatives and activities of the STAC.

He will also announce the Members of the EFC Award 2022 Juries nominated by the STAC for the EFC Medal and the Cavallaro Medal.

In addition, BoA Members will be invited to nominate the BoA Jury Members for the Honorary Fellow Award.

Item 5 EUROCORR Series: 2021, 2022, 2023 and 2024

5-1 *Virtual EUROCORR 2021 - Report on preliminary Results (WM/BM)*

The virtual **EUROCORR 2021** took place from **20 to 24 of September 2021**.

Dr. Andreas Förster, Dr. Roman Bender and Dr. Bálint Medgyes will report on the progress with on preliminary results for EUROCORR 2021, **see Appendix 1**.

5-2 *EUROCORR 2022 - Berlin (Germany) - Progress with Arrangements*

EUROCORR 2022 will be held in **Berlin**, at Hotel Berlin Central District in the heart of Berlin, on **28 August to 1 September 2022**. The general theme will be "**Corrosion in a changing world - Energy, Mobility, Digitalization**".

Dr. Roman Bender will report on Progress with arrangements for EUROCORR 2022.

5-3 EUROCORR 2023 - Brussels (Belgium) - Report on Preliminary Arrangements (MO)

EUROCORR 2023 will be held in Brussels, Belgium, at SQUARE (Brussels Meeting Centre) from **27 to-31 August 2023**.

Prof. Marjorie Olivier will report on preliminary Arrangements for EUROCORR 2023.

5-4 EUROCORR 2024 - Paris (France) - Initial Progress Report (PhM)

EUROCORR 2024 will be held in the heart of **Paris**, France, at Palais des Congrès, from **1 to 5 September 2024**. The general theme will be **“A step forward in societal awareness of material degradation issues”**.

Prof. Philippe Marcus will report on initial progress.

Item 6 Administrative Matters

6-1 Applications for EFC Membership (FO)

Appendix 2 provides an application to join EFC as EFC Member from “Peter the Great St Petersburg Polytechnic University” recently received by the EFC President.

Subject to the approval of the BoA Members, the Frankfurt Office will circulate this request to the GA Members for agreement by an e-mail voting process.

The Frankfurt Office will report on new application(s) to join the EFC and/or resignation(s), if any.

6-2 Evolution of EFC and EUROCORR in the coming years (JV)

6-2.1 Digital platform EFC Hub on “Solved.fi” (JV, RB)

The EFC President, Dr. Jörg Vogelsang will report on progress of the collaborative platform called “EFC Hub” (efc.solved.fi).

6-2.2 Preliminary Results of the EUROCORR 2025 Questionnaires (TP)

The project of the implementation of the EFC Hub and the EUFED.net platform (proposed formerly by DECHEMA) would permit EFC to have more visibility and to develop its communication and collaborations. Consequences will also be that EUROCORRs would be under the responsibility of the EFC, the work for the hosts would be reduced and the organisers will receive a fixed levy to be decided.

A TF on future EUROCORR Conferences, under the lead of the EFC Vice-President, Dr. Tomáš Prošek, prepared 2 questionnaires, one for past EUROCORRs Organisers and another one for past EUROCORRs participants.

These questionnaires were circulated twice via the EFC Paris Office on 22 June 2021 and 23 July 2021.

Dr. Tomáš Prošek will report on results of this survey of EFC Members.

6-2.3 Restructuration of the EFC (JV)

With the departure of the Managing Officer, the reorganisation of the tasks and responsibilities of the 3 EFC secretariats are under discussions.

During the last virtual BoA that took place on 24 March 2021, the EFC President, Dr. Jörg Vogelsang, stated that the first step was to define how we would like to structure the EFC and presented the following table with figures of the labour time spent by the 3 EFC offices:

	hours	charged to EFC	thereoff meeting time	current cost charged	real costs	hourly rate paid	remark
office F/A	312						
WM	120						
Paris	300	140		10800	35000	55,71	HoO volunteer work
London	140		67				

This table shows that for the time being, the total of hours (~800) represents a half year for a permanent position.

As requested, Prof. Willi Meier provided an update of the tasks and cost of the Frankfurt Office and a document identifying the strength and weaknesses of the EFC, respectively presented in **Appendix 3** and **Appendix 4**.

The EFC President, Dr. Jörg Vogelsang will present progress on the future plans on how to operate EFC and how to organize EUROCRRs after 2024.

6-2.4 Status on "Diversity and Inclusion Policy" (GH/MM/AM)

During the last virtual BoA Meeting that took place on 24 March 2021, Prof. Arjan Mol, raised whether EFC should have an active policy on "Diversity and Inclusion" as the topic is given increased attention from people inside and outside of communities, industries, organisations etc.

A TF "Diversity and Inclusion" was established, chaired by Marta Mohedano, and Dr. Gareth Hinds and Prof. Arjan Mol as members.

They agreed to make on a first reflection on the topic after checking diversity and inclusion policies implemented at their own and other organisations for possible applicability also to EFC.

They will report on progress on this TF.

6-3 Administrative Procedures and Legal Obligations in Belgium (JB, MO)

After the approval by the virtual GA Meeting, that took place on 29 June 2021, of the accounts for the year which ended 31 December 2020, and the discharge of the Members of the Board of Administrators for the performances of their mandate during the fiscal year 2020, the Honorary Treasurer and Prof. Marjorie Olivier will report on actions undertaken in respect of the Belgium obligations for ASBL

Item 7 EFC Activities

7-1 Report of the Scientific Secretary (RB)

The report of the Scientific Secretary, Dr. Roman Bender, covering activities since the last 24 March 2021 virtual BoA meeting is presented in **Appendix 5**.

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

7-2 Report on Activities of Young EFC (MM)

A report of the Young EFC network activities, covering activities since the last 24 March 2021 Bvirtual oA meeting will be presented by Dr. Marta Mohedano Sanchez, see **Appendix 6**.

The BoA will be invited to approve this report.

7-3 Status on first labelling(s) of EFC Endorsed Corrosion Education (TP, RB)

During the last virtual GA Meeting that took place on 29 June 2021, Prof. Tomáš Prošek presented the work done by the TF on EFC endorsed corrosion courses, led by Prof. Daniela Zander, Chair of WP7 on Corrosion Education and Prof. Tomáš Prošek, which was set up in 2019

One of the purposes of this TF is to help member societies to promote their courses of corrosion training and education. EFC will support this activity by introducing an EFC labelling procedure of courses currently offered and proposed for such EFC labelling by EFC Member Societies (MS). Member Societies are responsible for the course quality. Information and questionnaires are available on the EFC website, and should be sent to Scientific Secretary, Dr. Roman Bender. There is no deadline, as this is an on-going process. Applications will be assessed by the EFC Course Endorsement Committee, composed of the EFC Scientific Secretary and four volunteers approved by STAC. Answers will be given within 2-3 months. MS can propose their own courses or they can be given by universities or institutes of their own country. If members feel their courses are ready for approval, they should apply. This label will last for **3 years** once granted. EFC will advertise approved courses on the web site and elsewhere, simplifying the access of corrosionists to appropriate training.

The administration fee was established at €300 for the 1st course and €100 for further courses.

Prof. Tomáš Prošek will report on reception of first request of labelling by EFC Members Societies, if any.

7-4 EFC on Social Media (MM)

The representative of the Young EFC, Dr. Marta Mohedano Sanchez, will report on progress regarding activities of EFC on EFC Social Media.

7-5 EFC Publications

7-5.1 EFC Book Series (WF, RB)

BoA Members will be informed on new publications in the EFC book series if any.

7-5.2 EFC Newsletter (RB)

Each year, a Newsletter is published on the occasion of EUROCORR.
Report on the content and the distribution of this Newsletter will be presented.
Comment: Here we should discuss about a successor for Douglas Mills.

7-5.3 Progress with Items/Articles for Publication in the Four EFC Journals (HI, RB)

The Scientific Secretary, Dr. Roman Bender, will report on progress regarding the publications in the 5 EFC Partner Journals: “*Materials and Corrosion*”, “*Corrosion Engineering, Science and Technology (CST)*”, “*Matériaux et Techniques*”, “*Ochrona przed Korozją*” (“Corrosion Protection”) and “*Koroze a chrana materiálu*” (Corrosion and Material Protection) .

7-6 Last News from the EFC Web Site (RB)

Dr. Roman Bender will present the status on the latest improvements to the EFC Website.

Item 8 International activities

8-1 First Recipient of the International Award: Corrosion Awareness Honour (DF)

The decision to create an international award together with CSCP, with the support of the WCO for the administration, was taken during the meeting with CSCP in September 2019. It was agreed with CSCP that this new award should not compete with the already existing EFC or CSCP awards, and therefore to create an award related to corrosion awareness.

The rules were presented during the last BoA Meeting that took place on 18 December 2020 and it was agreed to propose this updated version to CSCP for approval.

The call for the first Corrosion Awareness Honour was opened in April (included in the EFC e-newsletter) with a deadline for applications of 31 May.

The rules of this new award were approved by the GA during its virtual meeting that took place on 29 June 2021.

Prof. Damien Féron will announced the name of the first recipient of this new Award.

8-2 AMPP: Progress of the Task Force on EFC Strategy (GH)

During the last virtual BoA Meeting that took place on 24 March 2021, Dr. Gareth Hinds reported that NACE merger with SSPC has been completed and the new entity is called Association of Materials Protection and Performance (AMPP, <https://www.ampp.org>).

Dr. Gareth Hinds will report on progress of this TF.

8-3 Activities in Russia (DF)

Possible cooperation in Russia will be presented.

8-4 Activities in China / CSCP (TP)

Prof. Tomáš Prošek will report on progress regarding the cooperation with CSCP and, in particular, the organisation of a new edition of the International Conference on Corrosion Protection and Application (ICCPA) Conference.

8-5 WCO (World Corrosion Organization) (DF)

Prof. Damien Féron, the WCO President, will report on progress in the activities of the WCO.

Item 9 Any other Business

BoA Members will be invited to raise any other matters.

Item 10 Date and Place of next BoA

The EFC President, Dr. Jörg Vogelsang, will propose a date for the next BoA meeting, probably in conjunction with the EUROCRR 2022 Papers Selection Meeting, usually scheduled in spring at a time and place to be announced later.

A P P E N D I C E S

EUROCORR REPORT FORM 1
(TO BE COMPLETED BEFORE THE EVENT)

DATES OF EVENT

September 20-24, 2021

VENUE

Virtual Event

OVERALL THEME OF THE CONFERENCE:

Materials science and advanced technologies for better corrosion protection

ANTICIPATED NUMBERS OF DELEGATES:

CATEGORY	REGISTRATION FEES (excluding VAT)		TARGET NUMBER
	Early / late registration:	Early	Late
Committee Members, etc. (Invited)			51
Invited Speakers			4
Member Delegates		138	22
Non-Member Delegates		127	33
Students		146	16
Day tickets (and others)			
Exhibitors			
Total:			<u>537</u>

ITEMS INCLUDED IN THE FEES:

Admission to all sessions, the company and poster exhibition, the list of participants, etc.
(to be complete)

NUMBERS OF PAPERS:ORAL PRESENTATIONS: **422**POSTERS: **70****TOTAL** **492****TOTAL NUMBER OF TOPICS** **22 + 11 JS****NUMBER OF PARALLEL SESSIONS** **9**

Application to join EFC as EFC Member from Peter the Great St Petersburg Polytechnic University**EFC MEMBERSHIP APPLICATION FORM**

The principal objective of the EFC is to contribute to the general advancement of the science of corrosion and the protection of materials by promoting cooperation in Europe between scientific and technical societies and organizations and by collaboration with similar scientific and technical societies and organisations throughout the world. Subject to the approval of the EFC Board of Administrators and the EFC General Assembly, full membership of the EFC is available to organisations that are not-for-profit, have legal status and support the above objective, in the following categories:

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

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

- Appoint members to EFC Working Parties;
- Opportunities to nominate individuals for the EFC Awards and for election to the EFC Committees (BoA and STAC);
- Discount on exhibitor booth and reduced registration fees for the society's members at the EFC annual EUROCORR Conference;
- Discounted prices to their members on all EFC publications;
- Access by their members to the restricted area containing the electronic proceedings of past EUROCORR Conferences;
- Participation of a society representative in the EFC General Assembly (with voting rights);
- Organisation of events with EFC endorsement and logo, including promotion in the EFC Newsletter and on the EFC Website;
- Free promotional write-ups of society's corrosion-related events and activities in the EFC Newsletter;
- Availability of General Membership of the World Corrosion Organisation (WCO) at no additional cost subject to formal application and the approval of the WCO Board of Administrators and the WCO General Assembly.

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

The membership fee 2018 is EUR 1,690 + VAT. A reduced membership fee (50% off) will be offered during the first two years of membership. If you would like to apply on behalf of your society to join the EFC as either a European Member Society or an International Member Society, please complete the form and submit it to one of the three offices of the EFC General Secretariat given below.

Note on Data Processing: All details on the processing of your data can be found in EFC's privacy policy. You can find it on the Internet using the URL: <http://www.efcweb.org/privacy.html>. I have also been informed on my right to object to the use of my data at any time.

Name of Society:	Peter the Great St Petersburg Polytechnic university		
Address:	195251, Polytechnicheskaya str. 29, Saint Petresburg, Russian Federation		
Tel:	+7(812) 552-64-41	Fax:	+7(812) 552-64-41
E-mail:	a.alkhimenko@spbstu.ru	Website:	www.spbstu.ru
President:	Alexey A. Alkhimenko		
Address:	195251, Polytechnicheskaya str. 29, Saint Petresburg, Russian Federation		
Tel:	+7(921) 922-42-65	Fax:	+7(812) 552-64-41
E-mail:	a.alkhimenko@spbstu.ru	Application date:	12.08.2021

Confirmation of Not-For-Profit and Legal Status:

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

Signed:  **Position:** director RD center

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

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**Activities/tasks and responsibilities of the German EFC General Secretariat
at DECHEMA in Frankfurt (dated January 2021)**

Tasks / responsibilities	Average time/month
<u>General matters / EFC Committees/ Member Societies/Affiliate Members</u> • Communication with other offices • Participation in GA, BoA and PAC meetings (as required) • Organisation of elections of President / Vice-President , BoA and STAC members (incl. call for nominations, preparation of voting forms, execution of the election in the General Assembly, confirmation of the elected persons). • Membership Matters: Preparation of application forms (PDF form), online processing of membership applications, confirmation of new members (societies and Affiliate Members), update/maintenance of membership lists (database and EFC website), preparation of reports for BoA and GA, Other regular communication with Member Societies and Affiliate Members • Preparation/coordination/promotion of special offers of Affiliate Membership • Communication with NACE, WCO and other organisations • Cooperation with the YoungEFC	4 h
<u>Belgian matters</u> Various matters in cooperation with J. Bugajeva and M. Olivier: • Registered office in Belgium, PO Box address communication & invoices • Registration of accounts/Interface with Belgian bank/Publications in the Moniteur Belge • Adaptations to changes in Belgian law, UBO register • Storage of EFC documents, etc.	2 h
<u>Working Parties</u> • Implementation and regular update of Working Party websites hosted at the DECHEMA server; • Support to Working Party events and webinars; • Support of the Scientific Secretary	1 h
<u>Events and Awards</u> • Provision of the European Corrosion Medal • Preparation of certificate for the EFC Poster Award • Preparation of certificate for the Honorary Fellowship • Promotion of EFC Events (on EFE website and in EFC (e)-newsletter, in cooperation with the Scientific Secretary;	1 h

**Activities/tasks and responsibilities of the German EFC General Secretariat
at DECHEMA in Frankfurt (dated January 2021) (Continued)**

Tasks / responsibilities	Average time/month
<u>EUROCORR</u> • Preparation and circulation of the call for bids for EUROCORR, information to potential bidders, correspondence with bidders, and evaluation of the bids received; • Preparation of the <i>Agreement on Hosting and Organisation of EUROCORR</i> in cooperation with the host and EFC President • EFC booth at EUROCORR: Organisation, preparation and/or collection of information /promotional material; • Copyright issues and response to requests for copies of abstracts / full papers of past EUROCORRs (in cooperation with the EUROCORR Congress Secretariat); • Improvement of EUROCORR organisation (e.g. Bid Manual) • Loyalty Programme; • Interface with EUROCORR organisers, and exhibitors, marketing via various media, collecting feedback; • Support of the EUROCORR Congress Secretariat at DECHEMA.	2 h
<u>Website / PR activities / other business</u> • Support of the digital strategy, including regular update of the new EFC website (news, events, awards, membership, restricted areas, etc.), implementation of new features (single sign-on, implementation), set-up for platform for recordings and online services, etc.; • Preparation and circulation of the EFC e-newsletters (incl. update of e-mails on database); • Preparation/collection of articles for the September EFC Newsletter, proof-reading of Newsletter draft, communication with the newsletter editor (D. Mills) and Nouvelle Page; • Preparation and update of EFC flyer, Roll-up, promotional material, etc. • Maintenance and continuous updates of EFC Database: Member Societies and Affiliate Members, EUROCORR participants and exhibitors, Working Party members, Friends of the EFC, etc.; • Support to EFC's LinkedIn pages.	16 h

In addition:

Tasks performed by **Prof. Willi Meier** (EFC General Secretary) – 10 h/month:

- Management of the EFC Frankfurt Office;
- Communication with other EFC offices and the EFC President;
- Participation in GA, BoA, and PAC meetings
- Surveillance of the EFC Digital Strategy and EUROCORR

SWOT Analysis of the European Federation of Corrosion - July 2006

STRENGTHS

- S1 Multidisciplinary
- S2 International
- S3 All areas of corrosion covered
- S4 Flexible, quick to respond
- S5 High standard of experts/staff
- S6 Good dissemination of results
- S7 Strong links to academics, good networking
- S8 Independence
- S9 No political interference
- S10 Well established

WEAKNESSES

- W1 EFC is not visible
- W2 Limited contacts to the EU
- W3 Over-commitment of the BoA members, not enough time for EFC business
- W4 Limited budget
- W5 Conflicting interests with Member Societies
- W6 No business plan
- W7 No full-time secretariat/CEO
- W8 Limited acceptance by industry
- W9 3 offices – workflow problems
- W10 Not attractive to young people
- W11 No personal members
- W12 Overlap between meetings (reducing this overlap)
- W13 Very low attendance of Working Party meetings
- W14 Dormant Working Parties
- W15 Publication of EFC books
- W16 Lack of education courses
- W17 No exhibition at EUROCORR
- W18 Limited contacts outside Europe

SWOT Analysis of the European Federation of Corrosion - July 2006 (Continued)**OPPORTUNITIES**

- O1 Become truly international (W18)
- O2 Combine efforts with Member Societies
- O3 Expand Europe, help with our experience
- O4 Influence framework programmes
- O5 Influence UN programmes
- O6 Develop EUROCORN including industry-oriented topics
- O7 Provide the EU with experts in corrosion
- O8 Enhance WP cooperation
- O9 Introduce education courses/certification courses
- O10 NACE cooperation

THREATS

- T1 Shrinking membership/activities
- T2 NACE/NACE Europe will take over
- T3 WCO will take over
- T4 No movement/dynamics (S4, W6, W9)
- T5 Bankruptcy

SWOT Analysis of the European Federation of Corrosion - July 2006 (Continued)

EFC SWOT Analysis **Actions to overcome the weaknesses**



Weakness 1 EFC is not visible

Actions:

1. Junior EUROCORR within EUROCORR
 - recruitment forum
 - special rates and packages for students
 - funding
 - 5 minute postpresentation
2. Flyer "What is EFC?"
3. EFC Newsletter, wider distribution
4. EFC website:
 - more attractive
 - recruitment forum
 - poster prize announcement
 - up-to-date calendar of events worldwide
 - portraits of institutes etc.
 - electronic newsletter- subscription for electronic newsletter
 - discussion forum
5. Study the cost of corrosion damage
6. Contact industry, call for corrosion problems
7. List of experts on the EFC website

1

EFC SWOT Analysis **Actions to overcome the weaknesses**



Weakness 2 Limited contacts to the EU

Actions:

1. Visit EU officials
2. Invite EU officials as well as representatives of national funding agencies to EUROCORR as plenary speakers/keynote speakers
3. Collect information concerning projects (FP6, FP5)
4. RFCS, listed projects
5. European Research Council

Weakness 4 Limited budget

Actions:

1. Increase membership fees
2. Increase EUROCORR income
3. Increase publication income

2

SWOT Analysis of the European Federation of Corrosion - July 2006 (Continued)

EFC SWOT Analysis

Actions to overcome the weaknesses

**Weakness 8 Limited acceptance by industry****Action:**

Industry-oriented sessions at EUROCORR

Weakness 9 3 offices – workflow problems**Actions:**

1. More and better cooperation between the three offices discuss in detail in Maastricht
2. Send action lists of meetings earlier

Weakness 13 Very low attendance of Working Party meetings/**Weakness 14 Dormant Working Parties****Action:**

Presentation of WP activities at the STAC meeting

- WP Education
- WP Physico-chemical methods of corrosion testing

3

EFC SWOT Analysis

Actions to overcome the weaknesses

**Weakness 15 Publication of EFC books****Action:**

Letter to WP Chairmen about current status of publication

Weakness 16 Lack of education courses**Action:**

National corrosion courses of Member Societies

- should receive EFC logo (10 € fee per participant)
- advertise the course(s) to EFC community

Weakness 17 No exhibition at EUROCORR**Action:**

Exhibition at EUROCORR, start with low prices

4

REPORT OF THE SCIENTIFIC SECRETARY TO THE BOARD OF ADMINISTRATORS
(March 2021 - August 2021)

After the deadline for the Call for Papers passed at the end of January, it was decided to hold EUROCORR 2021 as a virtual event. This decision was made by the host in consultation with the responsible persons from EFC. This necessitated many extraordinary meetings to transfer the previous planning to a virtual event. I participated in the monthly meetings of the PAC. Furthermore, there were meetings to create a white paper of the EFC in cooperation with the WCO. The management of this project was assigned to me, as well as another activity to make the EFC more visible. For this purpose, a competition was announced to present the topic of corrosion to the public. I published the call for submissions in February. The deadline for submissions was March 31.

To create the white paper, the thematic contents were firstly compiled, and individual topics were assigned to colleagues who were deemed suitable to work on the corresponding topic. I contacted them at the beginning of March and asked for their collaboration. The submission of the respective contributions was scheduled for 31 May. After that, I sifted through the contributions and started further work.

We conducted interviews with the teams that submitted proposals for the VR/AR based film project at the beginning of April. The selected projects should be completed by the middle of this year.

Since the deadline for paper submission to EUROCORR 2021 was extended to March 31, I was not able to prepare the first draft of the EUROCORR 2021 lecture programme in the usual time frame. I finished the first draft programme in the first week of April. This was made available to the EFC chairmen. The paper selection meeting took place online on 6 May.

At the beginning of the year, I contacted the AMPP (formerly NACE) to inquire whether the EFC would also receive a free exhibit booth at the virtual CORROSION 2021. This was held online from April 19-30, 2021. At the end of February, I got the confirmation. More information should follow in the coming weeks. I started to gather electronic promotional material for the booth after the acceptance, including material to promote virtual EUROCORR 2021, the "green books" and the EFC itself.

In the period from April 19-30, 2021, the virtual exhibition stand of the EFC was online. Participants of the conference informed themselves about the activities of the EFC. However, there was a significant decrease compared to the usual traffic at the exhibition stand of a face-to-face event.

In the last months we had several meetings to set up the online platform "EFC Hub". This platform will allow all people working for the EFC to work together on projects more efficiently or to stay in personal contact. Several training sessions were offered to bring the platform to the attention of all EFC colleagues.

In July I started to prepare the working papers for the STAC meeting in September. For this purpose, I contacted all WP Chairs to ask for their activity reports and plans for the next three years.

In mid-August, I drafted a contract to regulate the EFC's cooperation with its member societies in the implementation of continuing education events. This can open up another opportunity for the EFC to generate income. The contract was approved by the EFC President, the Vice-President and the Past President. The first event of this kind will be held by the EFC and GfKORR in early November 2021. The EFC will receive 10% of the participant fees.

Throughout the whole period since March 2021, I have been in continuous contact with different colleagues from EFC and other corrosion related organisations. The day-to-day work has been occupied with administrative matters including the allocation of EFC Event numbers, online meetings and the cooperation with the official journals of the EFC. I also tried to encourage the people who had applied for an EFC Event number to deliver a report of the event to be included in the EFC Newsletter.

Furthermore, I assisted colleagues working on new editions of the green books and established the connection to the respective contact person at Elsevier.

Roman Bender
EFC Scientific Secretary

August 2021

Young-EFC Report Activities: March 2021- September 2021

A) YEFC activities for Eurocorr2021

The planned activities organised by the YEFC (represented by Marta Mohedano and Leonardo Bertolucci) along with local organisers of Eurocorr2020 (including several social events, YEFC meeting and supporting new initiatives) were suspended due to the cancellation of physical Eurocorr2021.

A Young EFC online meeting is being organised to take place during the virtual EUROCORR.

B) Corrosion Awareness Day-April 24th

On 24th April 2021, the Corrosion Awareness Day was held by the European Federation of Corrosion (EFC) and the World Corrosion Organization (WCO) to raise awareness of corrosion in our society and industries. The agenda counted with researchers, students, academics, and industrials from different parts of the globe such as Spain, Pakistan, United Kingdom, Sweden, France, Hungary, India, Israel, France, Korea, Morocco, Kazakhstan, Turkey, Canada, and Germany. The organized activities included webinars, a coffee break for the Corrosion Under Insulation (CUI), Master class, photo competition, conferences, and included a certification validated by the EFC. The figure includes the flyers used to spread the initiative on LinkedIn and to guide the participants on how to join the Corrosion Awareness Day 2021.

CORROSION AWARENESS DAY 2021



WHY?

- To spread the awareness of corrosion in our society and industries.
- To increase the visibility of your research, group and expertise.

HOW TO PARTICIPATE?



1 REGISTRATION (BEFORE APRIL 1ST)

- Submit the title of the activity with a brief description (max. 100 words);
- Provide a link to the event (if possible);
- Send the name and affiliation of the organizers (max. 3 people);



2 PARTICIPATION (FROM APRIL 24TH TO MAY 24TH)

- Send the summary of the activity (max. 200 words) with a representative photo.
- Content of your activity will be posted our site/EFC LinkedIn account:
<http://efcweb.org/YoungEFC.html>
<http://bit.ly/youngefc>



3 CERTIFICATES (AFTER MAY 24TH)

- The organizers will receive a certificate validated by the EFC.

WHAT TO DO?



To organize an activity related to Corrosion Science and Engineering in your Research Institute, University, City, Province... to be launched in the frame of the Corrosion Awareness Day (24th April).

The activity can be focused on researchers, engineers, managers, students and/or the general public. The main goal is to raise awareness about corrosion and corrosion protection around the world.





We will help you to advertise and make visible your activity all around the world. We will post the event at the EFC and WCO website platforms. Furthermore, both official organizations will provide a certificate to the organizers of the event.

Examples of activities: dissemination talks, workshops, photo competition, articles in scientific and technical journals or in newspapers, exhibitions of corrosion experiments, Master class in Universities, webinars, etc.






Young-EFC Report Activities: March 2021- September 2021 (Continued)

C) Webinars Young EFC-Elsevier

The webinar **How to write a paper** was successfully conducted on 20th January 2021 with about 218 participants (based on Zoom data) and Prof. Arjan Mol as invited speaker.

This is the first webinar of a series organised by Elsevier and YoungEFC.

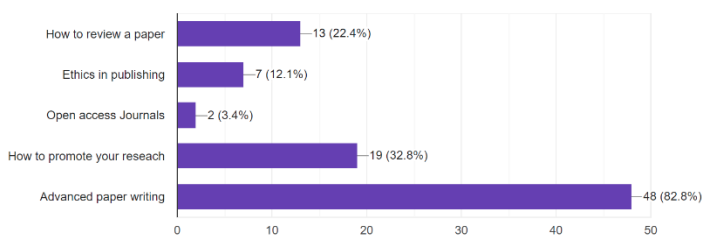
Based on the Post-webinar survey results it can be concluded that the initiative was successful, and that the corrosion community demand this type of knowledge and in particular in advance paper writing.

The EFC provided the Zoom platform and technical assistance for the event.



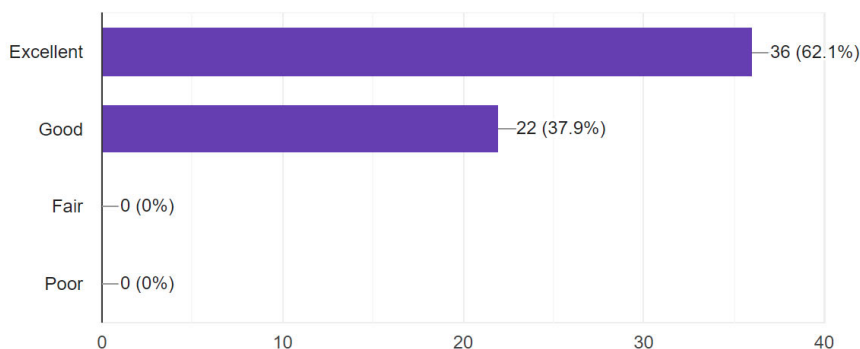
Which subject would you choose for the next webinar?

58 responses



Overall session evaluation

58 responses



The **second series** of the Webinar will be focused on **Advance Paper Writing**, and it is schedule for **October 2021**.

D) YEFC Board transition

The YEFC Board has started the transition that will last until Eurocorr2022 in Berlin. The New YEFC after 2022 EUROCORR will be composed of:

Leonardo Coello (Chair)

Aytac Yilmaz

Andressa Trentin

Noemie Ott

Marta Mohedano (Senior member)

Michele Fedel and Cem Ornek have decided to step back from the YEFC actions and give room to new members. Anyway they would be available to be more involved in the working parties that fitted their background (e.g. Cem in WP5 and Michele in WP14) if the EFC wants to count with their help.

Young-EFC Report activities March 2021- September 2021 (Continued)

E) EFC Social Media

Dr. Marta Mohedano and Dr. Andressa Trentin were appointed as Main Social media Managers (with the support of Aytac Yilmaz)

The EFC LinkedIn Page counts with 1045 followers and the number is increasing.

The posts show high interaction and engagement with the community

The communication channel was set via email: Email to socialmedia@efcweb.org

The most relevant actions can be summarized as:

- Collect information from the EFC and EFC network
- Preparation of posts
- EUROCORR Advertisements
- Schedule of the posts in a calendar using Hootsuite Tool
- Information of the posts include but not limited to topics such as the corrosion awareness day, scientific grants, mentorship programs of Y-EFC, webinars, poster prizes and Eurocorr.



F) Other activities

- Renewal of the Young-EFC logo. Approved by the YEFC board and endorsed by EFC
- Design of the “EFC approved course” logo
- Participation in the EFC virtual meetings
- Contribution in the EFC newsletter, summarizing the YEFC activities
- Active exchange of news and advertisement of events (conferences, doctoral schools) with the YEFC network
- Participation in the discussion of the proposal ‘Excellence in Canadian corrosion education through internationalization, equity, and interdisciplinarity’ led by Dr. Yolanda Hedberg (Western University, Canada)
- Participation in the discussion of travel grant (Cem Ornek)
- Active exchange of news and advertisement of events (conferences, doctoral schools) with the YEFC network
- Participation in the task Force EFC “Equity”

G) Budget

The EFC approved to support up to 3 registrations of YEFC Board members/Social Media managers in case of necessity.