

BOARD OF ADMINISTRATORS

Webinar Meeting

Tuesday 22 September 2020

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
22 September 2020

Venue of meeting: **Webinar Meeting**

Date and time of meeting: **Tuesday 22 September 2020 - 09:00**

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

Secretary: **Mrs. Pascale Bridou Buffet -*Paris Office***

**EUROPEAN FEDERATION OF CORROSION
WEBINAR MEETING OF THE BOARD OF ADMINISTRATORS
22 SEPTEMBER 2020, 09:00**

AGENDA

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- Item 2 Apologies for absence (PBB)
- Item 3 Approval of the Agenda and Adoption of the Minutes of the last Meeting (AM)
- Item 4 Report on STAC Activities
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 - 4-3 Nomination by the BoA of the BoA Jury Members for the Honorary Fellow Award (AM)
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 - 5-6 Administrative Procedures and Legal Obligations in Belgium (HI, MO)
 - 5-7 EFC Visibility (RB)
- Item 6 Financial issues (JB)
 - 6-1 Current Subscription Overview
 - 6-2 Updated Budget for 2020
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 - 6-5 Adoption of the Financial Report
- Item 7 EFC Activities
 - 7-1 EFC endorsed corrosion education (TP, WF)
 - 7-2 Report of the Scientific Secretary (RB)
 - 7-3 Managing Officer
 - 7-3.1 Report of the Managing Officer (HI)
 - 7-3.2 Approval of the Duties of the Managing Officer (AM)
 - 7-4 Report on Activities of Young EFC (MM)
 - 7-5 EFC on Social Media (HI, MM)
 - 7-6 EFC Publications
 - 7-6.1 EFC Book Series (WF, RB)
 - 7-6.2 EFC Newsletter (HI, RB)
 - 7-7.3 Progress with Items/Articles for the Publication in the five EFC Journals (RB)
 - 7-7 Update on the Working Parties Pages EFC Web Site (RB)

**EUROPEAN FEDERATION OF CORROSION
WEBINAR MEETING OF THE BOARD OF ADMINISTRATORS
22 SEPTEMBER 2020, 09:00**

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Item 8 EUROCORRs

8-1 EUROCORR Organisation

8-1.1 Evolution of EUROCORR organisation: Task Force Report (HI)

8-2 EUROCORR Series: 2020 to 2023

8-2.1 Virtual EUROCORR 2020 - Report on Preliminary Results (WM)

8-2.2 EUROCORR 2021, Budapest (Hungary) - Progress with Arrangements (BM)

8-2.3 EUROCORR 2022, Berlin (Germany) - Report on Preliminary Arrangements (WM)

8-2.4 EUROCORR 2023, Brussels (Belgium) - Initial Progress Report (MO)

8-2.5 EUROCORR 2024, Selection Procedure (AM)

Item 9 International activities

9-1 Report on activities in Qatar (FM, FH)

9-2 Report on joint activities with China / CSCP (TP, AM)

9-3 NACE International: Task Force on EFC Strategy (GH)

9-4 Report on Activities in Singapore (HI or DF)

9-5 WCO (World Corrosion Organisation) (WM)

9-6 IUPAC (International Union of Pure and Applied Chemistry) (DF)

9-7 Possible Cooperations in Russia (DF, AM)

Item 10 Any other Business (AM)

Item 11 Date and Place of next BoA (AM)

**EUROPEAN FEDERATION OF CORROSION
WEBINAR MEETING OF THE BOARD OF ADMINISTRATORS
22 SEPTEMBER 2020**

ATTENDANCE LIST

BoA Members

Prof. Damien **FÉRON** (France) - **Past-President**
 Prof. Mário **FERREIRA** (Portugal) - **Elected Member**
 Dr. Patrick **KEIL** (Germany) - **Elected Member**
 Dr. Milan **KOURIL** (Czech Republic) - **Elected Member**
 Dr. Agnieszka **KRÓLIKOWSKA** (Poland) - **Elected Member**
 Dr. Bálint **MEDGYES** (Hungary) - **Elected Member - EUROCORR 2021**
 Prof. J.M.C. Arjan **MOL** (The Netherlands) - **President**
 Prof. Marie-Georges (also known as Marjorie) **OLIVIER** (Belgium) - **Founder Member Society - EUROCORR 2020**
 Mr. Marcel **ROCHE** (France) - **Elected Member**
 Dr. Patrik **SCHMUTZ** (Switzerland) - **Elected Member**
 Dr. Joerg **VOGELSANG** (Switzerland) - **Vice-President**

Ex Officio Representatives

Dr. Roman **BENDER** - Scientific Secretary (Germany)
 Mrs. Julija **BUGAJEVA** - Honorary Treasurer (United Kingdom)
 Prof. Wolfram **FÜRBETH** - Chairman of the STAC (Germany)
 Dr. Hélène **ILLAIRE** - Managing Officer (France)

Frankfurt Office (Germany):

Mrs. Ines **HONNDORF**
 Prof. Willi **MEIER** - **Founder Member Society - Bid EUROCORR 2022**

London Office (United Kingdom):

Dr. Gareth **HINDS** - **Founder Member Society**

Paris Office (France):

Mrs. Pascale **BRIDOU BUFFET**
 Prof. Philippe **MARCUS** - **Founder Member Society - Bid EUROCORR 2023**

Guest(s) and Observer(s):

Dr. Fouzia **HANNOUR** (Director of the EFC Branch in Qatar)
 Dr. Marta **MOHEDANO SANCHEZ** (Spain) - **Young EFC**
 Prof. Fátima **MONTEMOR** (Relation between EFC and Middle East)
 Dr. Tomáš **PROŠEK** (Czech Republic)

Excused

Prof. Edoardo **PROVERBIO** (Italy) - **Elected Member of the BoA**

UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS (BoA)

Item 1 Opening of the meeting

Prof. Arjan Mol, President of the EFC and Chairman of the meeting, opened the meeting and welcomed the delegates present.

Item 2 Apologies for Absence

At the opening of the meeting, no apologies for absence were received.

Prof. Edoardo Proverbio (Italy) sent apologies after the meeting, see the attendance provided at the previous page.

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

3-1 The proposed agenda was approved.

3-2 BoA members were asked to approve the minutes of Webinar Meeting that took place on 25 June 2020. Dr. Agnieszka Królikowska, who was not able to take part at the virtual BoA meeting of 31 March 2020, asked on the terms on which the organisation of the Virtual EUROCRR 2020 was attributed to DECHEMA. She asked that the exchange of correspondences with the EFC President on this subject will be registered in the Minutes. These are provided in **Appendix 1**.

Subject to this addition, the Minutes were approved.

Item 4 Report on STAC Activities

4-1 *Summary of the STAC Meeting*

Prof. Wolfram Fürbeth, Chairman of the STAC, reported on progress of the STAC, as follows (see also **Appendix 2**):

Working Parties Issues:

- Working Party 15: The proposal of François Ropital, Chairman of the Working Party 15 on Corrosion in the Refinery and Petrochemistry Industry, to establish a platform on the EFC Website on "Corrosion under Insulation" was approved. Indeed, an important work has been performed for the revision of the third edition of the EFC Green Book N° 55 EFC Guideline on "Corrosion under Insulation" and it was agreed to continue to discuss on this topic via this platform in collaboration with NACE Europe and the organisation of webinars and training courses.
Dr. Jörg Vogelsang suggested to also use the network LinkedIn for discussion on this topic.
- Working Party 7: Prof. Daniela Zander Dr Tomáš Prošek reported about the progress of activities on preparation of a labelling process for EFC endorsed corrosion courses. More information is detailed in Item 7.1.
- In line with the Strategic Plan (2019-2023), Working Parties Chairs were encouraged to publish White Papers on specific topics to be used for lobbying measures.

A first one is under preparation in a collaboration WCO and EFC on Corrosion in green and low carbon energy technologies.

- **Financial Support for Digital Activities:**
In the frame of the activities of the Task Force on Atmospheric Corrosion, Dr. Tomáš Prošek plans to publish a catalogue of field exposure sites in Europe and requested a financial support for the lay out of this document. Only a pdf version will be distributed by e-mail. The estimated amount would be maximum €1,000. The BoA approved the allocation of this budget for this document.
Some Working Parties (WPs) such as WP4 which are planning Zoom Webinars, asked for Zoom licences. Prof. Will Meier explained that the DRECHEMA is already providing the use of Zoom for WP webinars.
- The creation of a **new Task Force on Corrosion in Green and Low Carbon Energy Technologies** was approved by the STAC. This Working Party will be led by Dr. Steve Paterson (Chair) and Dr. Gareth Hinds (Vice-Chair). The EFC Members Societies will be contacted to take part at the activities of this Task Force.
- The STAC unanimously approved the **transformation of the Task Force on Atmospheric Corrosion into a Working Party**, that becomes the 25th one. This action received the support of 7 EFC Member Societies, see **Appendix 3**. This transformation must now receive the approval of the General Assembly.
- EUROCORN 2021: the Chairman of the STAC, Prof. Wolfram Fürbeth, reported that the organisers for EUROCORN 2021 proposed to award the 2nd and the 3rd place in the **Poster** competition and to organise Poster flash presentations subject to the agreement of the WP chairperson.
- Cooperation with NATO: 3 standards were updated and are now circulating inside NACE for a ballot process. These actions would be closed at the beginning of next year.
- **Designation of Members of the EFC Award 2021 Juries:** the Chairman of the STAC, Prof. Wolfram Fürbeth, announced the member of the Juries of EFC Awards for 2021 nominated by the STAC:

<u>EFC Medal</u>	Prof. Wolfram Fürbeth (Germany, STAC Chairman) Mr. Marcel Roche (France) Prof. Günter Schmitt (Germany) Dr. Krzysztof Wolski (France)
<u>Kurt Schwabe Prize</u>	One Member from HUNKOR (Hungary) Dr. Pierangela Cristiani (Italy, STAC Member) Mr. Stefan Ritter (Switzerland, STAC Member)
<u>Honorary Fellow Award:</u>	Prof. Jörg Vogelsang, upcoming EFC President (Germany) Prof. Wolfram Fürbeth (Germany, STAC Chairman) Prof. Rajan Ambat (Denmark, STAC Member) Dr. Patrick Keil (Germany, BoA Member) Mr. Marcel Roche (France, BoA Member) Dr. François Ropital (France, STAC Member)

EFC Green Book Series: an overview of the situation regarding the EFC Book Series is given in **Appendix 2, pages 4 and 5**.

4-2 Proposal of EFC Grant from Dr. Hosseinpour (HI)

During the President Advisory Committee Meeting (PACM) that took place on 24 June 2020, a representative of the Young EFC, Dr. Cem Örnek, presented the project of “flight 752 memorial grant” proposed by Dr. Hosseinpour from Iran, see Appendix 1 of the Working Papers. This grant project stems from the will of Dr. Hosseinpour to honour the victims of the tragic airplane crash on 8th January 2020 in Iran, and to give the possibility to young Iranian corrosionists to travel to Europe.

Dr. Cem Örnek underlined that the proposal is very open, and that the support expected from EFC is mainly the possibility to use the EFC infrastructure (e.g. announcement of the grant on the EFC website). A waiver on the registration fee of the winner would also be appreciated.

Although the continuation of the grant cannot be guaranteed in the long run, Dr. Cem Örnek informed that Dr. Hosseinpour has already collected about €2,000, which is enough for the grant to be awarded during approximately 4 years.

The PAC members were generally very supportive of the proposal, which is fully aligned with the overall objectives of the EFC to support the community of young corrosionists. Prof. Damien Féron, currently President of the WCO, proposed to consider involving the WCO in this initiative.

The PAC members did the following remarks:

- This new grant should be coherent with the already existing EFC grants.
- The name of the grant should preferably be changed so that it does not directly refer to an event which is politically-related and loaded with sad feelings; an alternative could be to name the grant after a prominent corrosionist that was present in the plane, if any (ideally a lady in order to promote gender equality).
- The grant could also refer to an Iranian session organized during the EUROCORR of the year when the grant will be first awarded.
- The procedure and the rules of the grant, including especially the selection of the winner, should be defined.

The PAC members agreed to initiate a Task Force (TF) “Grants and Awards”, composed of Dr. Hélène Illaire (lead), Dr. Cem Örnek, Prof. Damien Féron and one STAC representative to be proposed by Prof. Wolfram Fürbeth.

An action was placed on this TF “Grants and Awards” to prepare a proposal of the rules and the details of the grant, to be presented to STAC for approval and for information to the BoA in September 2020.

The administrators consider that it is appropriate for the EFC to support young corrosionists in countries where they encounter difficulties to travel to Europe, because of e.g. visa restrictions or financial considerations. However, the administrators also consider that this support should not be restricted to one country (Iran) nor to one event (the crash of the flight 752 in Iran). Therefore, the administrators are in favour of the creation of an international travel grant for young corrosionists in countries for which such a support is relevant. They decided to shut down the Task Force for the Iranian grant and to initiate instead a new Task Force for an international grant for young corrosionists.

Dr. Marta Mohedano, the lead of the Young EFC, will propose a representative, as well as the STAC Chairman who will propose a STAC Member. Dr. Patrick Keil offered to take part at this TF which will be led by the Managing Officer, Dr. Hélène Illaire.

4-3 Nomination by the BoA of the BoA Jury Members for the Honorary Fellow Award

BoA Members will be invited to nominate the BoA Jury Members for the Honorary Fellow Award. The nomination of BoA Members for the Honorary Fellow Award Jury was already presented in Item 4-1.

Item 5 Administrative Matters

5-1 *Voting Rights BoA Members: Homogenisation Statutes and Bye-Laws (AM)*

It has been pointed out that there is a difference between the EFC Statutes and Bye-Laws regarding the list of BoA Members with voting rights as follows:

Statutes

The BoA shall consist of a President and Vice-President as the most powerful executives of the Association, the Immediate Past President and twelve administrators **all with full voting rights**, supported by the ex officio offices of Treasurer and Scientific Secretary who have no voting rights.

Bye-Laws

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.**

The rights described in the Statutes correspond with the current practice. Therefore, the EFC President proposed to update the Bye-Laws in line with the Statutes.

The BoA agreed to recommend the GA to approve the update of the Bye-Laws with the Statutes. An action was placed to the Paris Office to inform the Frankfurt Office for the update of the EFC Website.

5-2 *EFC Overall Strategy (JV)*

During the webinar BoA that took place on 25 June 2020, the Honorary Treasurer, Ms. Julija Bugajeva, presented provisional budgets for 2021 to 2024. She explained that due to the current situation, it is extremely difficult to predict the EFC budget for the coming years because they depend on various factors mostly related to Covid-19 restrictions which are even difficult to foresee for the coming months. Indeed, we do not know when the travel restrictions will be lifted and what would be the consequences on the organisation of EUROCORR 2021.

It was agreed that before preparing further options for the business plan, the strategy of the future overall organisation of the EFC should be defined.

The EFC vice-president Dr. Jörg Vogelsang, who agreed to take the lead of this discussion, commented that it is important to strengthen the position of the EFC that could be made considering different orientations such as the revision of the Organisation of the EFC and the Organisation of the EUROCORRs.

He suggested to improve the organisation of the General Secretariat, today split in 3 locations France, Germany and UK that could be reunited in one place and proposed that a central organisation of the EUROCORRs could be implemented not on the very short term, but possibly starting in 2025.

The organisation would be under the responsibility of the EFC and the local hosts would charge for all the time spent for the organisation and would receive a levy.

This means that it would be necessary to reconsider the current agreement between EFC and local hosts, but in any case, not for editions earlier than 2025.

The discussions being still pending, progress will be presented during the next BoA Meeting.

5-3 EFC Digital Strategy (WM)

During the webinar BoA that took place on 25 June 2020, the EFC President, Prof. Arjan Mol expressed the need of an invoice or official letter from DECHEMA of the Digital Strategy budget announced for €20,000 during the PACM that took place in Frankfurt on 17 December 2019, for presentation to the General Assembly (GA), the minutes of this meeting being the official archives of the EFC.

Prof. Willi Meier reported on progress regarding the implementation of the EFC Digital Strategy. He explained that considering the time being with the Coronavirus crisis that the upcoming EUROCORRs could probably not be organised on face to face meetings.

He reminded that the Digital Strategy started with the update of the EFC Website and proposed that future meetings could be organised via LinkedIn or Facebook.

He proposed the creation of a Virtual Platform on Corrosion which would present the recorded lectures of EUROCORRs, all recorded lectures of EFC Webinars and could provide Zoom Meeting Rooms for Working Parties.

A levy of €100 per year could be proposed to individuals who wants to have access to this platform. The first step could be the registration of all the conferences of a physical EUROCORR 2021 in Budapest that could be published after the event.

He also underlined that for the time being, NACE does not propose any digital actions and that could be a good opportunity for the EFC to occupy the field.

He also underlined that other Societies have not been able to organise their annual event due to the coronavirus crisis.

Prof. Philippe Marcus remarked that a fee of €100 for the subscription is quite high because more than the membership fee for members of the EFC Member societies and that could compete with the activities of the EFC Member Societies. However, before to go to this direction, it is important to value what the EFC is already offering and to define the added value for the Member Societies of the EFC. In addition, the ownership of this membership must be clearly defined. It was reminded that the registration of lectures during EFC Events mandatory requires the authorisation of the presenters.

Prof. Willi Meier proposed to form a group, that he will lead, to discuss and setup rules. The following persons agreed to take part: Prof. Damien Féron (past-President), Dr. Gareth Hinds, Dr. Patrick Keil, Prof. Agnieszka Królikowska, Prof. Philippe Marcus, Prof. Arjan Mol (upcoming past-President), Prof. Marjorie Olivier, Dr Tomáš Prošek (upcoming vice-President) and Dr. Jörg Vogelsang (upcoming President). A representative of the Young EFC will also join the group.

The BoA Members expressed that the current format of the EUROCORR event (physical format) must continue as long as possible. On other side they ask to consider a delay of 6 to 12 months before the integration of the recorded conferences in the platform.

Prof. Arjan Mol remarked that despite many requests, the DECHEMA has not sent yet the agreement for the Virtual EUROCORR 2020.

Prof. Willi Meier answered that the budget is not yet finalised but the event took place with success and agreed to finalise the agreement and to send the invoice for the implementation of the Digital Strategy before the General Assembly Meeting scheduled the week after.

Following the comment of Dr. Tomáš Prošek to organise an EUROCORR specifically dedicated to the young scientists, the BoA agreed to include this idea in the discussions of the Strategic Group proposed above by Prof. Willi Meier.

The BoA also approved that the agreement for EUROCORR 2020 would be discussed with the persons involved in the Strategic Group.

5-4 Applications for EFC Membership (FO)

The Frankfurt Office reported that no new application(s) to join the EFC and resignation(s) were received during the last period.

5-5 Affiliate Membership Program (HI)

During the virtual BoA meeting that took place on 25 June 2020, the Managing Officer, Dr. Hélène Illaire, reported that one or two years ago, only 6 Affiliate Members were member of the EFC. With the implementation of the Affiliate Membership Program, there are now 14 Affiliate Members. The BoA agreed that this is a good program which must be continued. An action was placed to the Frankfurt Office to promote this program for the virtual edition of EUROCRR 2020.

The Managing Officer, Dr. Hélène Illaire, reported that some companies were very interested with this program to benefit of the package with discount. Some of them applied to join the EFC as Affiliate Member, but with the coronavirus crisis they give up to exhibit at the Virtual EUROCRR 2020 and resigned.

Anyway, this program allowed the increase of the number of Affiliate Members.

5-6 Administrative Procedures and Legal Obligations in Belgium (HI, MO)

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. It has to be noted that the UBO is a new law in Belgium which force all societies to establish this register.

With the renewal of the Board of Administrators at the beginning of 2020, it is mandatory to publish the new composition in the Belgian Gazette. This publication is supported by a Jurist in Brussels who expressed the need of a declaration upon Honour of each BoA Member in addition to the previous documents already provided.

During the publication procedure in the Moniteur Belge, the jurist needs also to update the official database "Crossroad Bank for Enterprises" with the new administrators.

In accordance with the General Data Protection Regulation (GDPR), the management of the private data must be very secure, for example encrypted.

Dr. Hélène Illaire reported that the publication of the new BoA composition, delayed with the coronavirus crisis, will be completed soon.

Besides, Dr. Hélène Illaire was informed that a change occurred in Belgium regarding the codes of the Associations which implies that they must update their statutes by 2014.

The Jurist will send the process to be undertaken for this action and the BoA asked Dr. Hélène Illaire to implement these measures.

She also informed the BoA that, now, all the private information requested from BoA Members will transfer via a secured process.

5-7 EFC Visibility (RB)

During the BoA Meeting that took place on 1st and 2nd April in Seville, Dr. Roman Bender reported that many European people visit 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, EUROMAT, etc., proposing them to present their event during the EUROCORR.

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 ACHEMA, for example with a common booth with GfKORR.

Dr. Roman Bender reported that with the coronavirus crisis, most of the events are actually organising in a webinar format. So there is no need for this period to have extra material to promote the EFC.

He remarked that visibility is given to the EFC with events organised by the Working Parties (WP) like the last one of WP 4 on Nuclear Corrosion which collected more than 100 participants.

Otherwise, the EFC is the only International Institution which did not cancelled events in contrary like NACE.

He explained that the STAC is strongly in favour of the organisation of webinar and/or virtual meetings of WPs.

Item 6 Financial Issues (JB)

The Honorary Treasurer, Ms. Julija Bugajeva, presented the Financial Report, see **Appendix 4**.

6-1 Results for 2019

The Honorary Treasurer, Ms. Julija Bugajeva, reported that 2019 was a good year for the EFC with the incomes received from the successful events EUROCORR in Seville and the EFC China 2019 Conference, in Chongqing, China.

In parallel, the expenses were in line with the budgeted and the Budget 2019 presents an overall surplus of €33,885 which makes the EFC in a strong financial position, see **pages 2 and 3 of Appendix 4**. She reminded that the cost of the new EFC website was postponed to 2020.

6-2 Current Subscriptions Overview

The Honorary Treasurer, Ms. Julija Bugajeva, reported that, at the date of the meeting, of the 41 companies that comprise the EFC, 21 have paid their membership for 2020 following the 2020 membership subscription invoices sent to member societies in July.

6-3 Updated Budget for 2020

During the webinar BoA that took place on 25 June 2020, the EFC Honorary Treasurer, Ms. Julija Bugajeva, explained that the main changes in the Budget for 2020 would be the EUROCORR 2020 Levy and the EFC Digital System.

The Honorary Treasurer, Ms. Julija Bugajeva, presented an update of the EFC Budget 2020 with the integration of the EUROCORR 2020 Levy announced by the DECHEMA for a minimum of €25,000.

In parallel, the expenditures are lower than budgeted because of the absence of travel costs of the habitual meetings.

In addition, she explained that the expenditures related to the strategic actions of the Task Force on EFC endorsed Corrosion Education are postponed to 2021 or 2022.

She reminded that the EFC is still waiting for the invoice of the development of the new Website agreed for €20,000.

All in all, the budget 2020 presents actually good results.

The BoA approved the proposition of the budget for 2020 for recommendation to the General Assembly for final agreement.

6-4 EFC Subscription Fees for 2021

Due to the critical current period, the Honorary Treasurer, Ms. Julija Bugajeva, proposed to not increase the subscription fees for 2021, which will be kept at the level of 2020 as follows:

	2015 - 2020	2021
Regular member	€ 1,690	€ 1,690
Affiliate member (companies)	€ 1,550	€ 1,550
Affiliate member (universities or research organisations)	€ 1,030	€ 1,030

The BoA agreed on the proposed subscription fees for recommendation to the General Assembly for final approval.

6-5 Budget for 2021

The Honorary Treasurer, Ms. Julija Bugajeva, presented proposals for the budget for 2021.

She underlined that at the time being, nobody knows the impact of the coronavirus for the coming year, and in particular, on the organisation of EUROCRR in Budapest on a hybrid or virtual format because we do not know if travels will be possible in 2021.

This budget includes costs relative to strategic actions of the Task Force (TF) on Education such as the development of training courses and labelling actions for an amount at €22,000.

Following a comment of Dr. Tomáš Prošek that the TF would probably not need the totality of this amount and the uncertainties on the Levy of EUROCRR 2021, the BoA agreed that the proposed budget for 2021 will remain under construction and possibly subject to changes with time and therefore cannot be approved at this stage, but represents the current financial predictions as good as possible.

6-6 Adoption of Financial Report

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

Item 7 EFC Activities

7-1 EFC endorsed corrosion education (TP, WF)

A TF on EFC endorsed corrosion courses, lead by Prof. Daniela Zander, Chairman of the Working Party 7 on Corrosion Education, and Prof. Tomas Prosek has been set up and met on 16 December 2019 in Frankfurt. The initial proposal of Prof. Daniela Zander was that EFC would become a certification body which could certify organisations and courses of Member Societies. However, the TF agreed that this possibility would be too difficult to implement in the near future.

The TF proposed that, in a first stage, the EFC will deliver labels / endorsement to courses. In a second stage, the EFC will aim to become a notified body, able to deliver certification for courses. This would be possible only if there exists a European regulation on corrosion, which is currently not the case. Therefore, the EFC should carry some lobbying activities so that European authorities create the missing legislation.

The TF also agreed that the work needed to collect information on courses proposed by Member Societies is not possible to be carried out by the WP7 alone. The best way to collect this information was deemed to be via the Working Parties (WP) rather than via the Member Societies.

Appendix 5 provides the report of Dr. Tomáš Prošek. He underlined that NACE and other organisations are expanding training in Europe and the EFC must take its place in this area and should provide activities in corrosion Education.

During the last BoA that took place on 25 June 2020, considering that the creation of individual training and certification program led by WP 7 is a long term process, the BoA approved to separate the labelling and the certification processes.

For that purpose, the TF is expecting the help of Member Societies by selling courses and finding right training options.

Dr Tomáš Prošek expressed that it is very important to make progress on this topic and agreed to take the lead of a new parallel Task Force (TF) whose objective is to define an EFC labelling (or endorsement) procedure of courses currently offered and proposed for such EFC labelling by EFC Member Societies. Contributors to this TF are Brian Wyatt, Trevor Osborne, Daniela Zander, Claude Duret-Thual and Antoine Surbled.

Then, he presented the principle of the labelling, see **5** He underlined that it is important to protect the activities of the EFC Member Societies. So, only courses of European EFC Member Societies can be labelled.

Assuming that EFC Member Societies best know how to handle their courses, the EFC will have a limited control but will ask for a minimum of requirements such as the course governance (education/experience of lecturers, premises, independent examination,...) and the Syllabus and learning outcomes.

It was proposed the labelling process would be done by a committee which could be called the EFC Corrosion Education Committee and composed with volunteers.

A stamp of labelling "EFC approved courses" will be created. The list of labelled courses will be published on the EFC Website.

The EFC Member Societies will pay each year a levy to the EFC for an amount to be defined. The further steps are described in **page 3 of Appendix 5**.

It was underlined that the certification process gives more value than the labelling which will not replace the certification. It was agreed that the certification process would be entrusted to a different group than the labelling body because it would be better to assign this task to professionals. Indeed, this is a too big task to be brought by volunteers.

Finally, he explained that funds are requested for the implementation of this program for about €20,000 that are already charged on the 2021 proposed budget. He specified that the label would be delivered only for existing courses while the certification will concern new courses.

The BoA approved this Budget for recommendation to the GA.

7-2 Report of the Scientific Secretary (RB)

The report of the Scientific Secretary, Dr. Roman Bender, covering activities since the last March 2020 BoA meeting was given in Appendix 3 of the Working Papers.

The Scientific Secretary, Dr. Roman Bender, added that in addition to all the activities described in his report, a large part of his activities this summer was dedicated to the organisation of the Virtual EUROCRR 2020.

The BoA approved the report of the Scientific Secretary.

7-3 Managing Officer

7-3.1 Report of the Managing Officer (HI)

The report of the Managing Officer, Dr. Hélène Illaire, covering activities since the last March 2020 BoA meeting was included in Appendix 4 of the Working Papers.

The BoA approved the report of the Managing Officer.

7-3.2 Duties of the Managing Officer (AM, HI)

Dr. Hélène Illaire announced that despite her enthusiasm for the work as Managing Officer, she will not renew her collaboration for next year.

She underlined that she regrets a discrepancy between the objectives of the duties of the position and the effective work which was needed to be done.

Besides, the uncertainty of the renewal of the contract year per year causes some discomfort.

It was agreed that the incoming President, the Past-President, the Vice-President, and the Honorary Treasurer will discuss on the future of this position inside the EFC organisation and the item will be considered at the occasion of the next PACM.

The BoA expressed great thanks to Dr. Hélène Illaire for the investment and the work accomplished during the 5 past years.

7-4 Report on Activities of Young EFC (MM)

A report of the Young EFC network, covering activities since the last March 2020 BoA meeting was presented in Appendix 5 of the Working Papers.

The PowerPoint showed during the meeting is provided in **Appendix 6**.

The BoA thanks the representative of the Young EFC, Dr. Marta Mohedano Sanchez and approved this report.

7-5 EFC on Social Media (HI, MM)

The BoA Members were reminded that the EFC is now out on LinkedIn thanks to the actions undertaken by the Managing Officer, Dr. Hélène Illaire and the representative of the Young EFC, Dr. Marta Mohedano Sanchez.

7-6 EFC Publications

7-6.1 EFC Book Series (WF, RB)

The new publications in the EFC book series are presented in **Appendix 2, pages 4 and 5**.

7-6.2 EFC Newsletter (HI, RB)

The company NPC (Nouvelle Page Communication) currently editing the EFC Newsletter has informed about difficulties to sell advertisement space in the Newsletter.

Due to a lack of time, this discussion is postponed for the next BoA Meeting scheduled on 18 December 2020.

7-6.3 Progress with Items/Articles for Publication in the Five EFC Journals (RB)

Due to a lack of time, this item is postponed for the next BoA Meeting.

7-7 Update on the Working Parties Pages EFC Web Site (RB)

Due to a lack of time, this item is postponed for the next BoA Meeting.

Item 8 EUROCORRs

8-1 EUROCORR Organisation

8-1.1 Evolution of EUROCORR organisation: Task Force Report (HI)

Due to a lack of time, this item is postponed for the next BoA Meeting.

8-2 EUROCORR Series: 2020 to 2024

8-2.1 Virtual EUROCORR 2020 - Report on Preliminary Results (WM)

Prof. Willi Meier reported that the Virtual EUROCORR 2020 collected the participation of 590 persons, belonging to 41 countries.

392 lectures were given in 8 parallel sessions and 59 Posters were presented.

14 Working Party meetings were organised which were well attended that shows that this format of meeting seems to be a good alternative for Working Parties.

The 3 countries with the most of participants were France, Germany and UK, see the table below.



He underlined that Zoom gives the possibility to have an exact information of the number of people connected, and that the persons can be tracked which gives information of the level of participation for the different sessions.

He also explained that the event will be available 60 days on the EUROCORR Youtube channel for people registered, in order to allow them to see some missed contributions.

Then he presented the current state of the event's budget, see **Appendix 7**. He informed the BoA that, at the date of the meeting, €88 250 were collected in regard to the total expected and estimated around €130 with 583 paying participants.

He explained that due to a lack of time, no sponsors have supported the event.

Some BoA Members made some comments such as Dr. Patrick Keil who underlined that this Virtual EUROCORR 2020 was a good experience and Prof. Philippe Marcus who pointed out that the registration fees were high and a large number of laboratories decided to not register. However, he congratulated the DECHEMA for the good work done in this high-pressure period even if he doubts of the viability of such a format.

The BoA approved the budget of the event with the objection of Prof. Agnieszka Królikowska who expressed that this budget should have been distributed for consideration to BoA Members before the meeting.

The BoA also agreed that the budget forecast for 2020 will be put forward to the GA with the amount of €25,000 as EUROCORR levy for 2020.

8-2.2 EUROCORR 2021 - Budapest (Hungary) - Progress with Arrangements (BM)

EUROCORR 2021 will be held on **19th to 23rd of September 2021** in **Budapest** Congress Centre, Hungary. The general theme will be **"Materials Science and Advanced Technologies for Better Corrosion Protection"**.

Dr. Bálint Medgyes presented a report on the progress with arrangements for EUROCORR 2021, see **Appendix 8**.

8-2.3 EUROCORR 2022 - Berlin (Germany) - Report on Preliminary Arrangements

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

A report on the preliminary arrangements for EUROCORR 2022 is postponed at the occasion of the next BoA Meeting.

8-2.4 EUROCORR 2023 - Brussels (Belgium) - Initial Progress Report (MO)

Due to the cancellation of EUROCORR 2020 in its physical format, during the Webinar BoA Meeting that took place on 31 March 2020, the BoA Members agreed that priority will be given to the Belgium organisers to postpone the physical EUROCORR event to 2023.

A report on the initial progress for EUROCORR 2023 is postponed at the occasion of the next BoA Meeting.

8-2.5 EUROCORR 2024, Selection Procedure (AM)

Due to the cancellation of EUROCORR 2020 in its physical format, during the Webinar BoA Meeting that took place on 25 June 2020, the BoA agreed that the EUROCORR 2023 bidders will be asked if they can renew their bid for 2024, and, in that case, no call for bid will be sent out for 2024.

The EFC President, Prof. Arjan Mol, reported that all 3 initial bidders for EUROCORR 2023, Austria, France and Norway, announced their will to postpone their bid for 2024.

The BoA agreed that only these 3 bids would be considered for 2024 and that EFC Members will be informed that no call for bid will be conducted for this edition.

The BoA also approved that the process would be the same as usual, i.e. with the same deadline. So, an update of the bid is expected for mid-January 2021.

The BoA agreed that the meeting for the selection process should probably be a hybrid meeting because, due to the coronavirus crisis, nobody knows what will be the possibilities of travelling.

The BoA also approved the proposal of Dr. Patrick Keil to plan a BoA Meeting in early December focussed on specific topics. This meeting is scheduled on 18 December 2020.

Item 9 International Activities

9-1 Report on activities in Qatar (FM, FH)

Dr. Fouzia Hannour presented the activities currently in development in Qatar.

A Memorandum of Understanding (MoU) between the Qatar Free Zone (QFZ) and the EFC is currently under discussions. One of the objectives is to give access to the EFC to all the companies or investors of the QFZ which can become EFC Members and develop activities with the EFC.

Also, the QFZ companies would have access to EFC Members which can become Qatar Branch Members.

She explained that two big companies are investing in Qatar, in coating area: one in marine coating, the other in pipe coating (oil and gas). A meeting was planned to take place on 26 September with these companies which intend to join the Qatar Branch. It is a good opportunity for Working Parties dealing with these topics to have activities in Qatar.

One of these two companies can provide a large training centre focused on marine coating area.

These companies intend to take part at EUROCORR but not with a virtual booth.

The QFZ companies are ready to invest to collaborate with EFC but the way on how to proceed is not defined yet.

The BoA recommended Prof. Fátima Montemor and Dr. Fouzia Hannour to use the network of the Working Parties to disseminate the information on activities in Qatar and to encourage their members to develop collaborations in this state.

The EFC President, Prof. Arjan Mol, proposed that the MoU would be discussed at the next PACM.

9-2 Report on Activities with China / CSCP (TP, AM)

The [EFC-China 2019 1st International Conference on Corrosion Protection and Application \(ICCPA\)](#) Conference that took place in Chongqing in October 2019 was successful, with about 400 participants and invited lecturers from Europe. A levy of about 8000€ was paid to the EFC. The CSCP (rather than the local Affiliate Member Chongqing Wujiu Periodicals Press) will be the organiser of future editions. A report of the event was included in the e-Newsletter sent in November 2019.

Dr. Tomáš Prošek informed the BoA that the CSCP wants to organise a new edition in October 2021 while EFC recommend planning it more in 2022. This is still under discussion.

9-3 NACE International: Task Force on EFC Strategy (GH)

During the EFC-NACE meeting in September 2018, NACE informed that they will open an office in Europe.

During the PACM that 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.

During the EFC-NACE meeting that took place during EUROCORR 2019 in Seville, NACE officials agreed that there should be no conference organised by NACE in EUROPE other than on specific topics. Also, they agreed that all communication related to EUROCORR matters should go through EFC rather than through Member Societies. These decisions are included in a newly prepared and updated Memorandum of Understanding which was due to be signed in Spring 2020 at the CORROSION NACE Conference.

Given the cancellation of the CORROSION NACE Conference in 2020 and the change of EUROCORR 2020 from a physical to a virtual format, a virtual meeting between EFC and NACE was planned for 3 September 2020.

Due to a lack of time, this item is postponed for the next BoA Meeting.

9-4 *Report on Activities in Singapore (HI or DF)*

This item is postponed to another BoA meeting.

9-5 *WCO (World Corrosion Organization) (DF)*

This item is postponed to another BoA meeting.

9-6 *IUPAC (International Union of Pure and Applied Chemistry) (DF)*

This item is postponed to another BoA meeting.

9-7 *Possible Cooperations in Russia (DF, AM)*

This item is postponed to another BoA meeting.

Item 10 Any other Business

None

Item 11 Date and Place of next BoA

It was proposed by Dr Patrick Keil and supported by others that an extra BoA meeting would be appreciated prior to the regular Spring BoA meeting. Hence, the next BoA meeting will be held in the end of 2020, probably December, in a virtual format.

APPENDICES

Correspondence between Agnieszka Królikowska and Prof. Arjan Mol on EUROCORR 2020 Organisation

From: Agnieszka Królikowska <akrolikowska@ibdim.edu.pl>

Sent: maandag 29 juni 2020 09:10

To EFC President and BOA Members

I would like to share with all of you my doubts concerning EUROCORR 2020 organization and the schedule for the future ones.

1. I did not find either in the Minutes from previous BOA meeting (which I was unable to attend) or during last BOA meeting (26.06.2020) resignation of the Belgium Society of organizing virtual version of EUROCORR 2020. I believe that official written resignation is necessary to start any step to organize it by somebody else.
2. In my opinion, it is not lawful to organize an event costing EUR 100,000 without organizing a tender or at least receiving 3 offers from 3 different companies. Of course it might be organized in such a way by Belgium Society without tender.
3. The best offer should be chosen officially by BOA voting. (Please, let me know how DECHEMA was chosen.)
4. If it is impossible to fulfil this procedure, EUROCORR should be postponed as many other international conferences already decided, e.g. ETCC 2020.
5. Giving the privilege to Belgium Society to organize EUROCORR 2023 is not according to any EFC rules.

With respect to the above I am asking BOA to give me an exhaustive answer asap since I am not in the position to give my consent to decision which I consider illegal.

Agnieszka Królikowska

De : Arjan Mol - 3ME <J.M.C.Mol@tudelft.nl>

Envoyé : mardi 30 juin 2020 15:56

À : Agnieszka Królikowska <akrolikowska@ibdim.edu.pl>

Dear Agnieszka,

Thanks for your mail, please see below my answers to your questions:

- 1. I did not find either in the Minutes from previous BOA meeting (which I was unable to attend) or during last BOA meeting (26.06.2020) resignation of the Belgium Society of organizing virtual version of EUROCORR 2020. I believe that official written resignation is necessary to start any step to organize it by somebody else.*

As explained during the BoA meeting (on the 31th of March - see attached presentations), the Belgian LOC organizer was not able to both cancel the physical EUROCORR event and to organize the same year a virtual or hybrid event due to a need for a complete change of the organization of the event. Several different scenarios were proposed, including complete cancellation (with the issue of losing the EFC community for a year), postponing to later this year (a.o. leading to issues of colliding with other (postponed) competing events etc) or early next year (a.o. jeopardizing the success of EUROCORR2021 in Budapest being to close etc) and the one related to the postponement in 2023 was privileged by the LOC organizer and BoA for the physical edition in Brussels. Please also see the official letter sent by VOM (Belgian member society) in May 2020 related to the cancellation of the physical EUROCORR 2020. This letter is on the EFC secretariat website.

Correspondence between Agnieszka Królikowska and Prof. Arjan Mol on EUROCORR 2020 Organisation
(Continued)

2. *In my opinion, it is not lawful to organize an event costing EUR 100,000 without organizing a tender or at least receiving 3 offers from 3 different companies. Of course it might be organized in such a way by Belgium Society without tender. The best offer should be chosen officially by BOA voting. (Please, let me know how DECHEMA was chosen.)*

As you know, the organization of a physical EUROCORR takes many years of planning and organization ahead to make it the successes that we had with all recent editions. While organizing a virtual conference may be considered a leaner operation, still, to organize such event in a professional manner within a few months is an incredible big task for any organization for which EFC does not have own resources to do so and while tendering would be a common way forward for an event on the longer run, given the timing of this decision and time needed for such this year's event this was also deemed not applicable in this case and essentially EFC stood empty-handed. However, during the same BoA meeting DECHEMA proposed to slave itself to organize the virtual event, basically at own risk, in liaison with EFC. Unprecedented and unfortunate circumstances have lead to unprecedented solutions in that sense: DECHEMA went ahead and while technical and logistic details are being developed now on the fly, a DECHEMA-EFC contract is pending BoA approval soon with the mutual understanding that providing a platform for EFC to remain connected with the international corrosion community is the most important aspect of the event as well as gaining EFC income as compared to the organization of no event, i.e. partly compensating the non-applicable EFC levy for the cancelled physical EUROCORR2020. In the course of recent months several free trial webinars were (and still are) organized by DECHEMA in liaison with EFC and information on the organization of the virtual EUROCORR were released on: https://eurocorr.org/2020.html?mc_phishing_protection_id=28396-brti13kna38qm17vqmi0

3. *If it is impossible to fulfil this procedure, EUROCORR should be postponed as many other international conferences already decided, e.g. ETCC 2020.*

Indeed many conferences have been and are still being postponed due to the unfortunate circumstances we are all in together. Please see above and attached in the scenario descriptions of the Brussels EUROCORR 2020 Local organisers about the virtual impossibility to organize EUROCORR in a postponed manner.

4. *Giving the privilege to Belgium Society to organize EUROCORR 2023 is not according to any EFC rules.*

I need to refer to the above in the sense that as mentioned, unfortunate and unprecedented circumstances have lead to unprecedented discussions and practical solutions in BoA and beyond on a lean path and fast track forward for this year's EUROCORR, now in a virtual format. The so-called scenario 5 (see attachment), which proposes to postpone the physical EUROCORR 2020 to 2023, has received the preference of BoA Members in the March 31 meeting, see also there of the pro's and con's for this and the other scenarios. This solution presents the advantage for the EUROCORR 2020 organisers to reuse some arrangements and to foresee some financial compensation in the near future. Also, this is in line with the recognition of the tremendous and excellent efforts the Brussels LOC has made leading up to a physical EUROCORR2020 which would be an undoubted success but now due to force majeure had to be cancelled. The appreciation of EFC and LOC Brussels for having this arrangement for the near future of EUROCORR2023 was appreciated both ways as expressed in the March BoA meeting.

Correspondence between Agnieszka Królikowska and Prof. Arjan Mol on EUROCRR 2020 Organisation
(Continued)

All in all, while we are amidst of difficult times behind and ahead of us, I personally call on your understanding for the difficulties that come along with this for EFC. Let's stand together in these times and therefore think ahead in a constructive fashion with keen and open eyes for each other as a person, as part of EFC and as part of your own organizations. At points there may be agreement, at others there may be different standpoints, but as we always did and will strive to remain doing, let's go for solutions fitting the purpose which are sometimes nearer by than we think and keeping an open eye and respect for each other's views.

So also here, thanks Agnieszka for sharing your views and I hope that with the above your questions are answered to the best of my abilities.

All the best, Arjan

Prof. Dr. J.M.C. (Arjan) Mol
President
European Federation of Corrosion
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Tel. +31 15 2786778
E-Mail: J.M.C.Mol@tudelft.nl
www.efcweb.org

STAC Report

BOARD OF ADMINISTRATORS REPORT FROM STAC

Wolfram Fürbeth – September 22, 2020

Working Party Issues

- ☐ Discussion forum platforms on EFC website:
platform on „Corrosion under insulation“ to be
established (WP 15)
- ☐ WP7/TF activities on EFC endorsed corrosion
courses (Tomas Prosek)
- ☐ Publication of White Papers to be used for
lobbying measures (Strategic Plan 19-23):
- WCO-EFC White Paper on Corrosion in green
and low carbon energy technologies planned



STAC Report (Continued)

Working Party Issues

- Financial support:
 - Atmospheric Corrosion: Graphics for catalogue of field exposure sites in Europe (Tomas Prosek)
 - Budget for Webinar Zoom licences (one planned by WP 4)
- New TF on „Corrosion in Green and Low Carbon Energy Technologies“: Steve Paterson (chair) and Gareth Hinds (vice-chair) approved by STAC
- Unanimous decision for transformation of TF „Atmospheric Corrosion“ into WP 25: to be approved by GA



EUROCORR 2021 International Scientific Committee

- 2nd and 3rd place in Poster competition to be awarded
- Poster flash presentations possible if WP chairperson agrees
- Special journal issues may be published for specific sessions under responsibility of the chairpersons
- Plenary talks
- Session list for Call for Papers to be completed

STAC Report (Continued)

EFC/NACE group on NATO standards for marine coatings

- 3 standards updated and finalised; in NACE ballot process; waiting for last revision after ballot:
 - AEP59 now SP21416-20XX:
„Application Process for Optimum Paint and Coating Systems' Performance for Navy Ships“
 - AEP60 now SP21417-20XX:
„Performance Requirements for Navy Ships Exterior Topside Coatings“
 - AEP63 now SP21419-20XX:
„Performance Requirements for Navy Ships Nonskid Coating Systems“
- AEP61 now SP21418-20XX:
„Performance Requirements for Underwater Hull Paint Systems“
→ will not be updated because of lack of data



EFC Medal

- EFC Medal Jury 2021:
Wolfram Fürbeth (as STAC Chairman)
Marcel Roche
Günter Schmitt
Krzysztof Wolski



STAC Report (Continued)

Kurt Schwabe Prize

- Jury 2021:
 - 1 Member from HUNKOR
 - STAC 1: Pierangela Cristiani
 - STAC 2: Stefan Ritter



EFC Honorary Fellow Award

- Honorary Fellow Award July 2021:
 - EFC President
 - STAC Chairman
 - 2 members from STAC: Francois Ropital
 - Rajan Ambat
 - 2 members from BoA: ?
 - ?

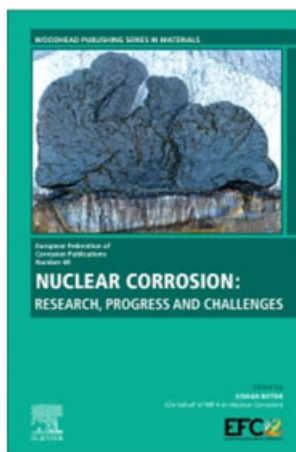


STAC Report (Continued)

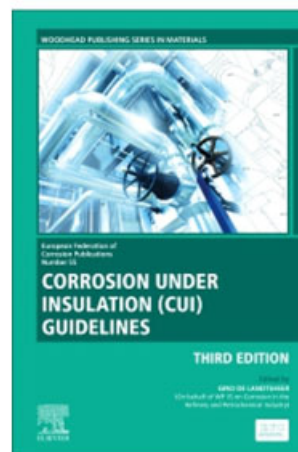
EFC BOOK SERIES

Wolfram Fürbeth – September 22, 2020

EFC Book Series: published 2020



15.08.2020



19.08.2020

STAC Report (Continued)

EFC Book Series: submitted

- Mechanical and (electro)-chemical interactions under tribocorrosion – from measurements to modelling for building a relevant monitoring approach (Eds. Jean-Pierre Celis, Pierre Ponthiaux)
- Humidity and electronics: corrosion reliability issues and preventive measures (Eds. Rajan Ambat, Kamila Piotrowska)



EFC Book Series: in preparation

- Revision of EFC Guideline 46 „Amine units corrosion in refineries“ (from WP15) – to be published soon
- New: Best practice guideline on „Corrosion in sea water heat exchangers“ (WP 9+15) – to be published 2021
- New: „Corrosion resistant low alloy structural steels“ (Prof. Xiaogang Li in cooperation with WP 6&8) – draft written
- New: „Protection of cultural heritage against corrosion“ (from WP21) - Outline to be finished till November
- New: „Recent advances made on the understanding of carbon steel corrosion mechanisms in marine media“ (from WP9) - ?
- No. 16 Update on „Carbon steel cracking in oil & gas“ (from WP13) - ?
- New: „Corrosion and low carbon energies“ (Damien Feron from EFC-WCO workshops in 2020) – just started



Transformation of the Task Force on Atmospheric Corrosion into a Working Party

Kralupy nad Vltavou, 26/08/2020

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

Dear professor Fürbeth,

Based on your encouraging reaction to my proposal to establish a new Working Party (WP) on *Atmospheric Corrosion* by conversion of the current Task Force (TF), I have collected support letters from six Member Societies, which I attach.

The mission and objectives of the WP *Atmospheric Corrosion*, agreed on by members of the TF, are as follows:

Mission. Atmospheric corrosion is controlled by complex electrochemical and physical processes taking place in a thin film on a metal surface with dynamically changing composition and properties. A number of mainly in situ analytical techniques introduced in past decades helped to improve our understanding of these processes dramatically. Still, the complexity of real systems exposed under varying conditions in view of both external factors such as the relative humidity, temperature and concentration of air pollutants and internal factors such as composition and physicochemical properties of precipitated corrosion products and interplay between metal micro elements make any transfer of the scientific knowledge into practical means of corrosion prevention challenging. Our principal goal is to foster collaboration and exchange between academia and industry in order to help in development of solutions reducing costs of corrosion protection of structures and objects exposed to atmosphere. This can be done only by bringing together academic research groups with deep fundamental knowledge and modelling capabilities and industry end-users with their practical needs in terms of efficient anticorrosion measures applicable in atmospheric exposure conditions, user-friendly modelling tools and long-term predictive models.

Objectives. WP *Atmospheric corrosion* will provide a platform for exchange of knowledge, information and ideas between scientists, researchers and industry on the following fundamental and practical topics:

- Improvement of the understanding into corrosion processes in thin electrolytes formed under atmospheric conditions.
- Development of better predictive models, both statistical and mechanistic.
- Best practices of field and laboratory testing.
- Development of corrosion monitoring techniques applicable in atmosphere.
- Corrosion in new environments, e.g. severe marine industrial atmospheres and micro climates.
- Protection of novel materials including weathering, stainless and coated carbon steels and aluminium and magnesium alloys.

Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

- Practical experience in corrosion protection of structures and objects exposed to outdoor and indoor atmospheres.
- Standardization activities.

I hope the Science and Technology Advisory Committee will support formation of the WP. I would like to point out that the TF has been established in 2017 and organized three successful sessions at EUROCORR in Prague, Krakow and Seville, which were well attended by 50 to 100 participants in average. The number of oral presentations continuously increased from 17 in 2017 to 36 in 2019. In addition, several joint sessions as well as a session at the 1st International Conference on Corrosion and Protection Application, ICCPA in Chongqing, China, in 2019, were organized by members of the TF. I believe this shows there is a significant industrial, technological, scientific and social interest in this subject.

Best regards,



Tomáš Prošek

Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

Corrosion House
5 St Peters Gardens, Marefair
Northampton, NN1 1SX
United Kingdom
tel: + 44 (0) 1604 438222
e-mail: admin@icorr.org

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

29 July 2020

Dear Prof. Fürbeth,

We understand that the EFC is considering establishing a Working Party on *Atmospheric Corrosion* by conversion of the current Task Force.

We feel that there is a lack of a permanent platform for exchange of knowledge and experience in the field of atmospheric corrosion. It is controlled by a complex array of electrochemical and physical processes taking place in a thin film on a metal surface with dynamically changing composition and properties, making the description and understanding of the underlying mechanisms challenging. Without a broad multidisciplinary approach, any serious breakthrough in view of development of better predictive models, improvement of the reliability of accelerated corrosion tests, introduction of novel corrosion monitoring techniques applicable in atmosphere, etc., is not possible.

The Task Force was established in 2017. It organised three successful sessions at EUROCORR in Prague, Krakow and Sevilla, which were well attended by 50 to 100 participants on average. The number of oral presentations has also continuously increased from 17 in 2017 to 36 in 2019. In addition, several joint sessions as well as a session at the 1st International Conference on Corrosion and Protection Application, ICCPA in Chongqing, China, in 2019, were organised by members of the Task Force. A catalogue of European field exposure stations to facilitate selection optimal sites for testing by industrial partners is under preparation.



Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

In summary, the Task Force has succeeded in fostering collaboration and exchange between academia and industry, supporting the development of solutions to reduce the cost of corrosion protection of structures and objects exposed to the atmosphere. It has demonstrated that there is significant industrial, technological, scientific and social interest in this subject.

Based on these developments, I am pleased to inform you that the Institute of Corrosion supports the conversion of the *Atmospheric Corrosion* Task Force into a regular Working Party.

Yours sincerely,



Gareth Hinds
President, Institute of Corrosion

Tel. + 44 79 0900 8945

E-mail: gareth.hinds@npl.co.uk



Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

2020-08-10

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

Dear professor Fürbeth,

We understand that EFC is considering establishing a Working Party on *Atmospheric Corrosion* by conversion of current Task Force.

We feel that there is a lack of a permanent platform for exchange of knowledge and experience in the field of atmospheric corrosion. It is controlled by a complex array of electrochemical and physical processes taking place in a thin film on a metal surface with dynamically changing composition and properties, making the description and understanding into the underlying mechanisms challenging. Without a broad multidisciplinary approach, any serious breakthrough in view of development of better predictive models, improvement of the reliability of accelerated corrosion tests, introduction of novel corrosion monitoring techniques applicable in atmosphere, etc., is not possible.

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In summary, the Task Force succeeded in fostering collaboration and exchange between academia and industry, helping thus in development of solutions reducing costs of corrosion protection of structures and objects exposed to atmosphere. It showed that there is a significant industrial, technological, scientific, and social interest in this subject.

Based on this ground, we would like to inform you that RISE KIMAB support the transformation of Task Force *Atmospheric Corrosion* into a regular Working Party.

Sincerely,

A handwritten signature in black ink, appearing to read "Olivier Rod".

Olivier Rod

Head of RISE KIMAB

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Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

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80-718 Gdańsk
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**POLSKIE
STOWARZYSZENIE
KOROZYJNE**

Warsaw, 30.07.2020 r.

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

Dear professor Fürbeth,

We understand that EFC is considering establishing a Working Party on *Atmospheric Corrosion* by conversion of current Task Force.

We feel that there is a lack of a permanent platform for exchange of knowledge and experience in the field of atmospheric corrosion. It is controlled by a complex array of electrochemical and physical processes taking place in a thin film on a metal surface with dynamically changing composition and properties, making the description and understanding into the underlying mechanisms challenging. Without a broad multidisciplinary approach, any serious breakthrough in view of development of better predictive models, improvement of the reliability of accelerated corrosion tests, introduction of novel corrosion monitoring techniques applicable in atmosphere, etc., is not possible.

The Task Force has been established in 2017. It organized three successful sessions at EUROCORN in Prague, Krakow and Seville, which were well attended by 50 to 100 participants in average. The number of oral presentations is also continuously increasing from 17 in 2017 to 36 in 2019. In addition, several joint sessions as well as a session at the 1st International Conference on Corrosion and Protection Application, ICCPA in Chongqing, China, in 2019, were organized by members of the Task Force. A catalogue of European field exposure stations to allow industrial partners an easy selection of optimal site for testing is under preparation.

In summary, the Task Force succeeded in fostering collaboration and exchange between academia and industry, helping thus in development of solutions reducing costs of corrosion protection of structures and objects exposed to atmosphere. It showed that there is a significant industrial, technological, scientific and social interest in this subject.

Based on this ground, we would like to inform you that the Polish Corrosion Society support the transformation of Task Force *Atmospheric Corrosion* into a regular Working Party.

PREZES
Polskiego Stowarzyszenia Korozyjnego

dr inż. Agnieszka Kozłowska

Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

Dear professor Fürbeth,

We understand that EFC is considering establishing a Working Party on *Atmospheric Corrosion* by conversion of current Task Force.

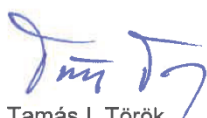
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Based on this ground, we would like to inform you that the **Hungarian Corrosion Society HUNKOR** supports the transformation of Task Force *Atmospheric Corrosion* into a regular Working Party.

Budapest – Miskolc, 30 July, 2020



Prof. Dr. Tamás I. Török
General Secretary of HUNKOR



Dr. László Ostorházi
President of HUNKOR

Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

Prof. Dr.-Ing. Wolfram Förbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

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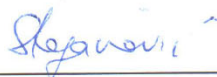
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Based on this ground, we would like to inform you that the Croatian Society for Materials Protection support the transformation of Task Force *Atmospheric Corrosion* into a regular Working Party.

Secretary General



Ivan Stojanović

Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

ASSOCIATION
OF CZECH AND SLOVAK
CORROSION ENGINEERS

Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
European Federation of Corrosion

Dear professor Fürbeth,

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Based on this ground, we would like to inform you that the Association of Czech and Slovak Corrosion Engineers support the transformation of Task Force *Atmospheric Corrosion* into a regular Working Party.

A handwritten signature in blue ink, reading 'Milan Kouřil'.

Assoc. Professor Milan Kouřil
Vice-president of AKI

28 / 07 / 2020

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Transformation of the Task Force on Atmospheric Corrosion into a Working Party (Continued)

*European Federation of Corrosion
Prof. Dr.-Ing. Wolfram Fürbeth
Chairman of Science and Technology Advisory Committee
DECHEMA e.V.
Theodor-Heuss-Allee 25
60486 Frankfurt am Main*

Leuven, 8 September 2020

Dear professor Fürbeth,

We understand that EFC is considering establishing a Working Party on Atmospheric Corrosion by conversion of current Task Force.

We feel that there is a lack of a permanent platform for exchange of knowledge and experience in the field of atmospheric corrosion. It is controlled by a complex array of electrochemical and physical processes taking place in a thin film on a metal surface with dynamically changing composition and properties, making the description and understanding into the underlying mechanisms challenging. Without a broad multidisciplinary approach, any serious breakthrough in view of development of better predictive models, improvement of the reliability of accelerated corrosion tests, introduction of novel corrosion monitoring techniques applicable in atmosphere, etc., is not possible.

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Based on this ground, we would like to inform you that the VOM, The Belgian Association of Surface Finishing supports the transformation of Task Force Atmospheric Corrosion into a regular Working Party.

I look forward to a final decision.

Best regards,

Veerle Fincken
Manager VOM
v.fincken@vom.be

Belgische vereniging voor oppervlaktetechnieken van materialen vzw
Association belge des traitements de surface des matériaux asbl

Kapeldreef 60
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F +32 (0)16 29 83 19

info@vom.be
www.vom.be

HONORARY TREASURER'S REPORT TO BOA

FINANCE REPORT BOARD OF ADMINISTRATORS

22 September 2020 - virtual

Introduction

1. Current subscriptions position
2. Results for 2019
3. Forecast for 2020
4. Proposed budget for 2021
5. Proposed subscription fees for 2021



HONORARY TREASURER'S REPORT TO BOA (Continued)

Membership subscriptions

- 41 member societies at 1 September 2020
 - ▣ 21 societies fully paid
 - ▣ 20 societies still to pay before GA meeting



Results for 2019

	Budget 2019	Results 2019	Results 2018
Total income	101,000	119,553	83,006
Total expenditure	(100,750)	(85,668)	(79,607)
Surplus / (deficit)	250	33,885	3,399
Opening reserves	282,458	282,458	279,059
Closing reserves	282,708	316,343	282,458



HONORARY TREASURER'S REPORT TO BOA (Continued)

Results for 2019

Income

- EuroCorr levy
€57,065
- EuroCorr China levy
€7,983

Expenditure

- Website
development
expenditure
postponed to 2020



Forecast for 2020

	Budget 2020	Forecast 2020
Total income	101,000	79,000
Expenditure	(98,300)	(78,500)
Strategic actions	(45,000)	(20,000)
Surplus / (deficit)	(42,300)	(19,500)
Opening reserves	316,343	316,343
Closing reserves	274,043	296,843



HONORARY TREASURER'S REPORT TO BOA (Continued)

Budget for 2021

	Results 2019	Forecast 2020	Budget 2021
Total income	119,553	79,000	99,000
Total expenditure	(85,668)	(78,500)	(96,500)
Strategic actions	-	(20,000)	(22,500)
Surplus / (deficit)	33,885	(19,500)	(20,000)
Opening reserves	282,458	316,343	296,843
Closing reserves	316,343	296,843	276,843



Budget for 2021

Changes in income

- Assumes EUROCORR in Budapest takes place

Changes in expenditure

- €22,500 for development of training courses
- Assumes travel & meetings return to normal



HONORARY TREASURER'S REPORT TO BOA (Continued)**2021 membership fees**

	2015-2020	2021
Regular member	€1,690	€1,690
Affiliate member (companies)	€1,550	€1,550
Affiliate member (universities or research organisations)	€1,030	€1,030



EFC endorsed corrosion educationTF EFC ENDORSED
EDUCATION

Tomáš PROŠEK – September 2020

Background

- Strong efforts of NACE to expand training activities in Europe
- EFC not active in training so far
- Plan to create individual training and certification program, led by WP7: long-term process
- To speed up the process, BoA decided to separate *labelling* of existing courses of EFC Member Societies (MSs)



EFC endorsed corrosion education (Continued)

Expected outcome

- MSs: Help with selling courses
- Corrosionists: Help with finding right training options
- EFC: Setting foot in corrosion training

- Task Force Members: Brian Wyatt, Trevor Osborne, Daniela Zander, Claude Duret-Thual, Antoine Surbled, Tomas Prosek



Agreed principles of the *labelling*

- **Only courses of European MSs can be labelled**
- **Limited EFC control:**
 - ▣ MSs know best how to handle their courses
 - ▣ Minimum requirements to be fulfilled on course **governance** (education/experience of lecturers, premises, independent examination,...)
 - ▣ Syllabus and learning outcomes to be provided
- **Labelling managed by an independent body,** *EFC Corrosion Education Committee*, composed of respected volunteers



EFC endorsed corrosion education (Continued)

Agreed principles of the *labelling*

- **MS can use a label ‘EFC approved course’**
- **EFC will advertise labelled courses** on the web site and elsewhere
- **EFC will charge MSs by each labelled course** on a yearly basis



Further steps

- Definition of minimum requirements for labelling
- Preparation of governing documents, eventually change of bye-laws
- Formation of *EFC Corrosion Education Committee*
- Design of the ‘EFC approved course’ label
- Set the fee charged by EFC per labelled course



Young EFC Report

YOUNG EFC

BOA MEETING

22.09.2020

- ☐ Management Strategy
- ☐ Corrosion Awareness Day
- ☐ Virtual Eurocorr2020
- ☐ Eurocorr2021
- ☐ YEFC – Social Media TF

Young EFC Report (Continued)

1. Management Strategy

- Young EFC Board
 - ▣ Formal EFC Communication
 - ▣ WP/Members Societies contributions
 - ▣ Eurocorr
 - ▣ Budget
 - ▣ TFs workflow and supervision
- YEFC-Task Forces
 - ▣ YEFC member/board as main responsible
 - ▣ Direct communication with YEFC Board
 - ▣ Final approval of proposed activities by EFC



TFs

Corrosion Community Noemie Ott • Under development • Getting-together online activity (every 3 months)	Corrosion Awareness Day Leonardo Coelho • Management and organisation of activities under the frame of CAD • Encourage WP for participation	WorldWide-YEFC Xiaopeng Lu • Under development • EFC/YEFC actions visibility • Networking
Cooperation Corrosion Education (WP7) Yaiza Gonzalez • Under development • Synergistic effect • Mentoring	Prizes/Grants XXXX • Improve visibility and participation • EFC Poster Prize • Young Scientist Grant • Kurt Schawe Prize • Prizes from WP/Members Societies	Webminars XXX • Under development • Gamry webinars • Elsevier webinars • Interaction with WP • Information available in the EFC web

Young EFC Report (Continued)

2. Corrosion Awareness Day 2020

CORROSION AWARENESS DAY
EFC April 24th THE WORLD CORROSION ORGANIZATION
#stayathome
Before April 24th
To send: **online** (max. 200 words)
April 24th - June 30th
To send: **online** (max. 200 words)
The organizers will receive a certificate from EFC/WCO
Upon receipt of the summary

EFC
EUROPEAN FEDERATION OF CORROSION

THE WORLD CORROSION ORGANIZATION

Supported by the Young EFC

CORROSION AWARENESS DAY 2020
April 24th #stayathome

Since 2010, the World Corrosion Organization, assisted by the EFC, promotes the Corrosion Awareness Day on April 24th. This year, our members were invited to propose online actions to raise the awareness of corrosion. 12 activities were independently organized by 24 participants with more than 200 attendees.

From the Eduardo Torroja Institute of Spanish National Research Council, the webinar entitled "how does corrosion influence the health of concrete?" was conducted by Javier S. Monera, Maria R. Roman and Julio T. Martin.

Lucienne S. Santos and Leonardo B. Coelho, from UNICAMP (Belgium), received high school students for the event "Predicting corrosion protection".

The Hungarian Corrosion Awareness Day was organized by Dorina Kovacs (HUNGARY) and Balázs Varkai (Hungary University of Technology), who presented an online photo competition on Facebook.

Students of the ITN uCREEA (Jyoti Halman, Institutes of Sweden; Sali Seim, Jönköping University; Sabina P. Seale, University of Technology of Bucharest) made videos about the corrosion problems they are working on.

Dr. Eva Garcia-Lacort, Dr. Genaro Vero and Dr. Jesús Manuel Vago (CORTEC Surface Engineering) published 6 dissemination articles related to corrosion on LinkedIn.

Yara Soares and Frank de Poot organized a free online CORROSION Multidisciplinary course.

NACE International Pakistan Section and Department of Metallurgy and Materials Engineering organized an Online Technical Presentation.

Mr. Anoop Farooq (University of the Punjab, Lahore) presented several presentations and organized a Corrosion Photography Competition.

GL Systems prepared a 30-minute webinar on "Corrosion Handling Basics" (organized by PhD Diana Miller, Mike Kachover and Eric Silvers).

3. Virtual Eurocorr2020

- ❑ YoungEFC meeting
- ❑ Cooperation with WP4
- ❑ Proposed Plenary lectures

VIRTUAL EUROCORR
Plenary Lectures

WEDNESDAY, 9 SEPTEMBER 2020 (AFTERNOON)
Dr. Carol Frances Glover
University of Virginia, USA
Young EFC proposal
Title: The many colours of metal-based primers: corrosion protection mechanisms and latest developments

Carol is a post-doctorate research associate at the University of Virginia where she specializes in developing Cr-free coatings. She has worked on multiple coatings projects for SITA Steel, PPG Industries and Axalta Coating Systems and has enjoyed contributing to the corrosion community's ongoing battle with understanding the corrosion mechanism of magnesium and its alloys. She teaches an undergraduate "Corrosion and Batteries" course and previously spent time teaching at Heriot-Watt University in Edinburgh, UK. Her favourite things, besides saving metals from rusting, are running and climbing mountains!

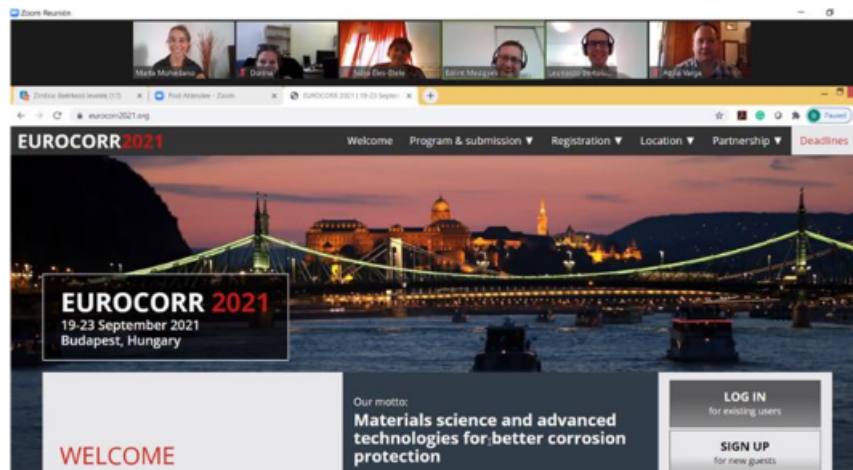
THURSDAY, 10 SEPTEMBER 2020 OR FRIDAY, 11 SEPTEMBER 2020
Dr. Oumaima Gharbi
Sorbonne University, France
Young EFC proposal
Title: The additive manufacturing of high strength Al alloys: a new challenge in corrosion science

Oumaima Gharbi is an adjunct lecturer at Sorbonne University, Paris, France. Dr. Gharbi's research is focused on materials durability including the corrosion of 2xxx and 7xxx series aluminum alloys, electrochemistry and surface chemistry. She carried out her PhD research at the ICRP-CNRS ParisTech and was awarded her doctorate in 2016 from Pierre and Marie Curie University, Paris, France. Her research highlights include the application of novel electrochemical methods, coupled with electron microscopy, to determine the corrosion mechanisms of complex alloys. Dr. Gharbi joined Monash University, Australia, in 2017 as a postdoctoral research fellow, where she studied the durability of additively manufactured Al alloys. Since September 2018, she joined Sorbonne University as an adjunct lecturer, where she is applying her expertise on the durability of light metals in basic liquids.

Young EFC Report (Continued)

4. Eurocorr2021

□ First meeting with local organisers



EUROCORR 2020 Finances**Eurocorr 2020 Finances**

Cost		EURO
License		
Expo-Ip	Expo-Ip	10,000.00
Zoom	Zoom	1,953.00
Chat		856.00
Newsletter		400.00
Software		1,256.00
Hardware (8 Server)		
Design		2,408.00
Staff		
Congress	5 MM	50,000.00
IT	1 MM	10,000.00
DECHEMA Papersubmission		25,000.00
EFC Royalties		25,000.00
Summe Cost		126,873.00

Income

	Number	Fee	Sum
Registration			
Full Registration late	46	445	20,470.00
Full Registration Member late	41	400	16,400.00
Full Registration	30	395	11,850.00
Full Registration	115	350	40,250.00
Day Ticket	3	325	975.00
Full Registration Member	52	300	15,600.00
Presenting Author	129	100	12,900.00
Student	30	150	4,500.00
Student late	16	190	3,040.00
Free	121	0	0.00
	583		
Exhibitor	3	1500	4,500.00
Sponsor	0	2000	0.00

Sum	130,485.00	Received (Sep 5) 88250
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Surplus	3,612.00	-38,623.00
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EUROCORR 2021 - Budapest (Hungary) - Progress on Arrangements

ARRANGEMENTS FOR EUROCORR 2021 IN BUDAPEST

Bálint MEDGYES – 2020.09.22

Arrangements, Status

- Venue of the Conference is extended with more rooms: 13 rooms + 1 plenary room (**Max. 14 rooms, see details on the next slide**).
- Published **Deadlines**
- **Poster Session** and **Awards**
- **Plenary Speakers**
- **Sponsors** and **Exhibitors**
- **Workshops**



EUROCORR 2021 - Budapest (Hungary) - Progress on Arrangements (Continued)

Tentative Usage of Rooms

EUROCORR 2021 – Capacity of the rooms				
Name of the room	Location	Capacity (in theatre style, or sqm)	Function	
Pátria hall + gallery	BCC, level -1 and level +2	2000 pax	plenary hall / largest session room	1
Bartók II. hall	BCC, level -1	200 pax	large session room / WG meeting	2
Bartók I. hall	BCC, level -1	40 pax	small session room / WG meeting	3
Brahms I-II. hall	BCC, level -1	70 pax	medium session room / WG meeting	4
Lehár I-II. hall	BCC, level -1	70 pax	medium session room / WG meeting	5
Lehár III. hall	BCC, level -1	45 pax	small session room / WG meeting	6
Liszt I. hall	Novotel /BCC/ level -1	45 pax	small session room / WG meeting	7
Liszt II. hall	Novotel /BCC/ level -1	45 pax	small session room / WG meeting	8
Liszt III. hall	Novotel /BCC/ level -1	45 pax	small session room / WG meeting	9
Mozart I.-II.-III. hall	Novotel /BCC/ level -1	90 pax	medium session room / WG meeting	10
Fortuna room	BCC, level +1	40 pax	small session room / WG meeting	11
Bizet room	BCC, level -1		speakers' room	
Kodály room	BCC, level 1		congress assistants	
Strauss room	Novotel /BCC/ level -1		ad-hoc meeting room	
Board room	Novotel		organisers/EFC	
Pátria gallery corridor	BCC, level +2		poster session, poster coffee break	
Entrance corridor	BCC, level +1		Registration, exhibition/poster session/ coffee break	
Mirror corridor	BCC, level -1		Exhibition, coffee break	
Aula	BCC, level -1		Exhibition, coffee break	
Buda hall	Larus Event Center	180 pax	large session room / WG meeting	12
Gesztenye hall	Larus Event Center	150 pax	large session room / WG meeting	13
Sirály hall	Larus Event Center	100 pax	large session room / WG meeting	14
Lobby area + terrace	Larus Event Center		Coffee break	
Arcadia Restaurant	Novotel /BCC/ level -1		Lunch (optional)	
Cote Jardin Restaurant	Novotel /BCC/ level -1		Lunch (optional)	

Deadlines – published

- Submission of Abstracts **19th January 2021**
- Notification of Authors **30th April 2021**
- Early Participant Registration **31st May 2021**
- Submission of Full papers **30th June 2021**
- Authors Registration (presenter) **30th June 2021**

EUROCORR 2021 - Budapest (Hungary) - Progress on Arrangements (Continued)

Poster Award(s)

- ❑ **Best Poster + 2 Excellent Poster Awards** (**Excellent posters** supported by Wiley? – Publication Voucher)
- ❑ Thank to Tomas Prošek for sharing with the „publication voucher” possibility (Connected to Poster Session Excellent Awards)
- ❑ Competition for the Poster Awards:
- ❑ Next to the traditional poster discussion, registered young scientist will have an opportunity to give a short (max. 2 min) ppt presentation in the different WP sections (**It is on the WP chairmen decision**).

Plenary Speakers

- ❑ Idea from YEFC meeting:
- ❑ The awarded persons should be invited (e.g.: Corrosion medal, Kurt Schwabe)
- ❑ For the Young 30 minutes time frame, for Seniors 45 minutes time frame should be allocated.
- ❑ Opinion from STAC meeting:
- ❑ A „big name” from the corrosion field should be chosen as well (Thank to Stefan Ritter for sharing candidates from the field of nuclear corrosion).

EUROCORR 2021 - Budapest (Hungary) - Progress on Arrangements (Continued)

Sponsors

- MDPI Metals want to be a Sponsor in Budapest and create a
- Special Issue: (Guest Editor: Prof Tamás Török, OA and APC: 1600 CHF/manuscript)
- STAC meeting:
- Not „really” supported by STAC. There are EFC related Journals (Hybrid) as well.
- **It is on the WP chairmen decision.**

Workshops

- GAMRY and PALMSEN indicated interest in Eurocorr 2021 as an exhibitor and/or sponsor.
- Cooperation with YEFC (e.g. for topics: How to publish a journal paper? How to do an excellent ppt presentation?, etc.)

EUROCORR 2021 - Budapest (Hungary) - Progress on Arrangements (Continued)

Kurt Schwabe Prize



- HUNKOR will delegate a member to the Jury