

BOARD OF ADMINISTRATORS

Virtual Meeting

Tuesday 15 March 2022

MINUTES

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MINUTES

Virtual Meeting of the Board of Administrators
of the
European Federation of Corrosion
15 March 2022

Venue of meeting: **Virtual online Meeting**

Date and time of meeting: **Tuesday 15 March 2022 - 14:00**

Chairman: **Dr. Jörg VOGELSANG - *EFC President***

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

**EUROPEAN FEDERATION OF CORROSION
VIRTUAL ONLINE MEETING OF THE BOARD OF ADMINISTRATORS
15 MARCH 2022 - 14:00**

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**EUROPEAN FEDERATION OF CORROSION
VIRTUAL ONLINE MEETING OF THE BOARD OF ADMINISTRATORS
15 MARCH 2022 - 14:00**

BoA Members:

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) - **Past-President**
Prof. Marie-Georges (also known as Marjorie) **OLIVIER** (Belgium) - **Founder Member Society - EUROCORR 2023**
Dr. Tomáš **PROŠEK** (Czech Republic) - **Vice-President**
Prof. Edoardo **PROVERBIO** (Italy) - **Elected Member**
Mr. Marcel **ROCHE** (France) - **Elected Member**
Dr. Patrik **SCHMUTZ** (Switzerland) - **Elected Member**
Dr. Joerg **VOGELSANG** (Switzerland) - **President**

Ex Officio Representatives:

Dr. Roman **BENDER** (Germany) - Scientific Secretary - **EUROCORR 2022**
Mrs. Julija **BUGAJEVA** (United Kingdom)- Honorary Treasurer
Prof. Wolfram **FÜRBETH** (Germany) - Chairman of the STAC

Frankfurt Office (Germany):

Mrs. Ines **HONNDORF**
Dr. Andreas **FÖRSTER**- **Founder Member Society**

London Office (United Kingdom):

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

Paris Office (France):

Mrs. Pascale **BRIDOU BUFFET**
Prof. Philippe **MARCUS** - **Founder Member Society - EUROCORR 2024**

Guest(s) and Observer(s):

Mrs. Mariana **BERTHET** (France) - Paris Office - Belgian Matters
Prof. Damien **FÉRON** (France) - WCO
Dr. Marta **MOHEDANO SANCHEZ** (Spain) - **YoungEFC President**
Mrs. Noémie **OTT** (Switzerland) - **incoming YoungEFC President**
Mr. Stefan **RITTER** (Switzerland)

Excused:

Dr. Colin **CHURCH** - London Office

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 opened the meeting and welcomed the delegates present.

Item 2 Apologies for Absence

Mrs. Pascale Bridou Buffet announced that Paris Office received only one apology for absence coming from Mr. Colin Church (London Office, UK).

Dr. Bálint Medgyes informed the BoA that due to other commitments, he must leave the meeting after the presentation of the EUROCORR 2021 report, giving his approval for all points that need votes from BoA Members.

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

3-1 The proposed agenda was approved.

3-2 The minutes of the previous Virtual online Meeting that took place on 4 November 2021 were approved.

Item 4 EUROCORR Series: 2021, 2022, 2023 and 2025

4-1 *Virtual EUROCORR 2021 - Final Report on Results (BM)*

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

Dr. Bálint Medgyes reported on the results of the Virtual EUROCORR 2021, based on the EUROCORR 2021 Report Form 2 that was provided in Appendix 1 of the Working Papers and reminded in **Appendix 1** of these Minutes.

He underlined that EUROCORR 2021 was the second online event in the history of the EUROCORRs that is why the participation was less than for physical meetings with 595 participants, 12 paying booths and 3 for free. He reminded that the scientific program was distributed in 9 parallel sessions. He also announced that the levy of €25,000 was already paid to the EFC and that Hunkor additionally paid the relevant invoice to the DECHEMA.

4-2 *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 reported on progress with arrangements for EUROCORR 2022, see **Appendix 2**. The preparation of EUROCORR 2022, organised by GfKORR and DECHEMA, is running well with a very professional team.

He highlighted that the venue is well located in the heart of the city with a large number of sights to visit and with several hotels within walking distance of the Conference venue.

He announced that the EUROCORR home page is online and that it is now possible to book rooms at the Conference Center.

He informed the BoA that the scientific program is planned to be distributed in 11 parallel sessions and composed with around 600 oral lectures and 100 posters.

2 sponsors and 15 exhibitors are already registered.

He also announced that the Conference dinner will be organised in a place located 10 minutes' walk from the Congress Center.

4-3 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 reported on preliminary Arrangements for EUROCORR 2023, see **Appendix 3**. She announced that the general theme will be **“Driving corrosion prediction and protection towards a circular economy”**.

She informed the BoA that the Conference Dinner will take place at “Autoworld Brussels”, location already confirmed.

She reminded that the Poster Session will be organised in E-Posters.

The www.eurocorr2023.org website is under preparation and the domain already registered.

She highlighted that the Belgium organisers would be pleased to have a booth at EUROCORR 2022 to present EUROCORR 2023 and they also plan to promote EUROCORR 2023 during selected events. Finally, she pointed out that the registration fees will be at the same level than those for EUROCORR 2022 in Berlin.

Then, the EFC President, Dr. Jörg Vogelsang, invited Prof. Philippe Marcus to give some information on the initial progress of arrangement for **EUROCORR 2024**.

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

He informed the BoA that the organisation is running smoothly and that the CEFRACOR has already made the first payment for the rental of the Congress Center.

4-4 Status on the Call for Bid for EUROCORR 2025 (FO, JV)

Last year, the President's Advisory Committee and the Board of Administrators intensively discussed the future strategy for EFC and the evolution of EUROCORR.

Based on the outcome of the discussions, the EUROCORR Task Force drafted an updated version of the EUROCORR Manual to be applied to the bidding process for EUROCORR 2025.

Appendix 4 provides the EUROCORR Manual which was circulated to the EFC Member Societies together with the call for bids for EUROCORR 2025.

Mrs. Ines Honndorf reported that the Frankfurt Office received no reply or comment for the moment.

Item 5 Administrative Matters

5-1 Presidency and Vice-Presidency (JV)

BoA Members were reminded that, as defined in Article 15 of the EFC Statutes, the terms of office of the EFC President is for a period of two years with the possibility of chairing two successive

General Assembly (GA) meetings and the right to re-election for one further term of office of one or two years.

The term of office of the current EFC President, Dr. Jörg Vogelsang ending this year, the current Vice-President, Dr. Tomáš Prošek, subject to the approval of the BoA, would be proposed to the next GA planned in June 2022 for election to succeed as EFC President from 1st January 2023. The BoA unanimously approved this proposal.

Therefore, it is necessary to identify a new Vice-President for appointment by the GA to take up office from 2023.

During the President Advisory Committee (PAC) Meeting which took place on 8 February 2022, the PAC unanimously approved the nomination of Dr. Gareth Hinds to be proposed to the next GA planned in June 2022 for election for the period 2023-2024, subject to the approval of the BoA.

Appendix 3 of the Working Papers provided the CV of Dr. Gareth Hinds.

The BoA unanimously approved this proposal.

5-2 Applications for EFC Membership (FO)

The BoA Members were reminded on the e-mail voting processes, led by the Frankfurt Office, which approved the following New Affiliate EFC Members as follows:

- C-Cube international bv, Delft, The Netherlands, see Appendix 4 of the Working Papers.
- Ekinoks Kimya, Istanbul, Turkey, see Appendix 5 of the Working Papers.
- AkzoNobel, Gateshead, UK, see Appendix 6 of the Working Papers.

During an extraordinary PAC Meeting, that took place on 3 March 2022, organised to discuss the EFC position and what measures could be taken regarding the situation in Ukraine, it was considered to propose the Ukrainian Association of Corrosionists to join the EFC, this membership being sponsored by the EFC.

Mrs. Ines Honndorf, Frankfurt Office, forwarded this proposal to the Ukrainian Association of Corrosionists and the application to join as EFC Member is provided in **Appendix 5**.

Following the BoA agreement, the Frankfurt Office will circulate this application to join of the Ukrainian Association of Corrosionists to the EFC GA Members for final approval by an e-mail voting process.

Otherwise, this PAC also discussed the EFC position regarding the Russian Members and established a statement published on the home page of the EFC website.

This statement was circulated to the BoA Members by the EFC President, Dr. Jörg Vogelsang, see **Appendix 6**, and the Board of Administrators decided to suspend the membership of ANTIKOR, Moscow, full EFC Member Society, and of the Water Technologies Laboratory Ltd., St. Petersburg, EFC Affiliate Member, with immediate effect until further notice.

5-3 Evolution of EFC and EUROCORR in the coming years (JV)

During the extraordinary Virtual online BoA Meeting that took place on 4 November 2021, the opinions expressed during the discussions showed that the BoA Members are in favour of an evolution of the EFC and organisation of EUROCORRs.

The decision to professionalize the EFC by hiring an employee was also unanimously approved.

The BoA approved the creation of a Task Force (TF) in charge of the elaboration of a clear proposal for the evolution of EFC including the missions and the salary of an employee.

This TF is composed with Prof. Andreas Förster, Dr. Gareth Hinds, Dr. Patrick Keil, Prof. Agneska Królikowska, Prof. Philippe Marcus, Dr. Jörg Vogelsang and lead by Dr. Tomáš Prošek.

A function profile for a Chief Operating Officer (COO) was established by a group composed with Dr. Gareth Hinds, Dr. Patrick Keil, Dr. Tomáš Prošek and Dr. Jörg Vogelsang.

This proposition of function profile was circulated by the Paris Office to the BoA Members few days before this Meeting and Dr. Patrick Keil was invited to present this position, that should be the face of the EFC, see **Appendix 7**.

This function profile, proposed for an equivalent full time, presents tasks, proficiencies and competencies, employment status and a proposal of calendar for the next steps.

It is planned to present this project of recruitment at the next EFC GA Meeting, scheduled on Monday 20 June 2022 morning, and to organise an extra-ordinary EFC GA Meeting dedicated to this topic during EUROCORR 2022 in Berlin for final approval, organised on a Virtual online meeting or a hybrid meeting.

Subject to the GA agreement, this position could be announced at EUROCORR 2022 in Berlin and the announcement circulated as large as possible among EFC Member Societies.

That will let the opportunity of candidates from all the EFC Members countries to apply with, as a consequence, a possibility of a large range of salary level, the reason why this information is not mentioned in this profile.

After the presentation, BoA Members were invited to comment.

Salary and EFC Budget:

Dr. Gareth Hinds, Prof. Milan Kouril and Prof. Philippe Marcus remarked that before to go ahead with this recruitment, it is essential to know how this position will be funded and that provision for the salary must be included in the EFC Budget for 2023. It was considered that the salary must be composed with a minimum fix and an additional bonus, based on the increase of revenue for EFC, could represent around 50% of the salary.

However, the range of money of such a position may differ depending on the applicant's country. The BoA agreed that it is necessary to establish a business plan before to hire this employee and to fix a minimum of reserve in the EFC budget for 2-year expenses excluding this salary.

Employment status:

The connection with one of the EFC Offices, the entity that could employ this COO, (EFC, EFC offices, freelancing position), and the duration of the contract need additionally to be defined, but also may differ depending on the applicant's country.

Dr. Tomáš Prošek suggested that the first step could be to advertise this position and depending on the country of the applicants, these points could be investigated later.

The BoA decided to reinstall the former TF composed with Prof. Andreas Förster, Dr. Gareth Hinds, Dr. Patrick Keil, Prof. Agneska Królikowska, Prof. Philippe Marcus, Dr. Jörg Vogelsang and lead by Dr. Tomáš Prošek, to:

- update this function profile for presentation to the EFC GA Meeting scheduled on Monday 20 June 2022 morning;
- to prepare the job advertisement;
- to prepare the mandatory modifications to be performed in the EFC Statutes and Bye-Laws.

5-4 *Belgian Matters (FO, MO, PhM)*

The tasks and deadlines of Belgian Matters to follow the Belgian law are reminded in **Appendix 8** and the tasks CEFRACOR is now taking care of related to "Belgian matters" in **Appendix 9**.

In accordance with the departure of Prof. Willi Meier in August 2021, Mrs. Mariana Berthet reported that she contacted M. Richelle, the lawyer from Corpoconsult, who explained that the replacement of Prof. Willi Meier has to be acted on the minutes of the GA or a meeting of the Board of Administrators before we can do the paperwork for the Moniteur Belge.

He added that the change of administrator might be successful with a version of the Minutes of the BoA Meeting that took place on 29 September 2021 in which this information is mentioned, signed by the EFC President, Dr. Jörg Vogelsang, with 2 other documents so that they can start the process:

- A procuration letter signed by two administrators.
- The Statement of Unavailability signed by two administrators (or at least the President) since there is no resignation letter.

The BoA decided that the Paris Office will provide a version including the signature of the EFC President, Dr. Jörg Vogelsang, of the Minutes of the BoA Meeting that took place on 29 September 2021 and these 2 documents will be duly completed by Mrs Mariana Berthet and sent to the Paris Office for the insertion of the electronic signatures of the EFC President, Dr. Jörg Vogelsang, and the Vice-President, Dr. Tomáš Prošek, before to be returned to Mr. Richelle.

5-5 Status on “Diversity and Inclusion Policy” (GH, MM, AM)

During the 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.

Dr. Marta Mohedano Sanchez reported that, at the time being, the TF need more time to prepare the report to do things properly. The TF is currently working in a document to create the EFC Equality, Diversity and Inclusion (EDI) Charter. This document will include a general information (e.g. aims, responsibilities) and also specific EFC targets (e.g. increase gender diversity among members of committees, annual EDI report) to be achieved in 3-5 years.

5-6 Guideline for EFC support to WPs (WF)

During the virtual Online BoA Meeting that took place on Wednesday 29 September 2021, following questions raised during the Virtual Online STAC Meeting that took place on Tuesday 28 September 2021, the BoA approved the creation of a TF lead by Dr. Marta Mohedano and composed with Mrs. Julija Bugajeva, the EFC Honorary Treasurer, Dr. Patrick Keil, Prof. Philippe Marcus and Mr. Stefan Ritter, to set up Guidelines for EFC Support for Working parties.

The first draft was discussed during the Online PAC Meeting that took place on 9 November 2021. Then the STAC gave its approval by an e-mail voting process.

The BoA Members unanimously approved the proposed guidelines, see **Appendix 10**, that will be presented for information to the GA Members at the next Meeting.

5-7 EFC Awards for 2022 (WF, JV)

The deadline for the Call for Nominations to the EFC Awards 2022, EFC Medal, Honorary Fellow Award and Cavallaro Medal, was fixed on 25 February 2022 before the date of this Virtual online BoA Meeting was decided.

Usually, this deadline is established so that a delay of one month is allocated to the Jurys to deliberate on the nominations received.

However, considering the nominations received by the Paris Office at the Deadline of 25 February, Prof. Wolfram Fürbeth informed the BoA on the recipients for 2 of these 3 awards, see **Appendix 11**.

EFC Medal: Prof. Wolfram Furbeth explained that the Paris Office received 2 nominations from 2 different EFC Member Societies from 2 different countries for one candidate: Prof. Arjan Mol. Considering the quality of these nominations, the EFC Medal Jury elected Prof. Arjan Mol as recipient of the EFC Medal 2022.

Honorary Fellow Award: Prof. Wolfram Furbeth informed the BoA that the Paris Office received nominations for Prof. Juan de Damborenea, Prof. Agnieszka Królikowska and Dr. Douglas Mills. Considering the quality of these nominations, the Jury decided that these 3 nominations were eligible for the Prize.

Cavallaro Medal: Following the death of Prof. Cecilia Monticelli, Chairman of the Cavallaro Medal Jury 2022, occurred few days before the deadline of 25 February, the organisation of the deliberation was disturbed. Prof. Andrea Balbo agreed to take over the chairmanship of this jury and the deadline of deliberation has been fixed on 10 April. The BOA Members will be informed later on the recipient of this award.

Young Scientist Grant: Prof. Wolfram Furbeth informed the BoA that only one application was received, probably due to the covid crisis that limits the travels.

Due to the quality of the application, the Jury awarded Borhan Bin Mohammad Sultan, Chimie Paris Tech – PSL Research University, Paris, France / Dr. Dominique Thierry / Dan Persson, RISE Research Institutes of Sweden, Kist, Sweden, for **“Uncovering the influence of precipitates on the conversion coating of aluminium alloy using state of the art IR spectroscopic techniques”**.

EUROCORR travel Grant for Young Corrosionists 2022: Prof. Wolfram Furbeth explained that 7 applications have been received, which suggests that the Prize was not well understood because 6 of them came from well-established lab.

The Prize was awarded to Andre de Araujo Abilio, MSc. Student, University of Alberta, Edmonton/Canada, for the presentation of **“research work on MIC”**, the only one that fulfilling the criteria.

Item 6 EFC Activities

6-1 *Report of the Scientific Secretary (RB)*

The report of the Scientific Secretary, Dr. Roman Bender, covering activities since the last 29 September 2021 virtual online BoA meeting was presented in Appendix 10 of the Working Papers.

Dr. Roman Bender pointed out that it is important for the EFC to consider other opportunities for the EFC to generate income, for example, the organisation of events in collaboration between EFC and Member Societies. This kind of cooperation could permit EFC to receive a levy. However, a new form of promoting such events needs to be considered.

The BoA approved the Scientific Secretary Report.

6-2 *Report on Activities of Young EFC (MM)*

A report of the Young EFC network activities and Social Media, covering activities since the last 29 September 2021 virtual online BoA meeting was provided in Appendix 11 of the Working Papers.

Appendix 12 provides the report Dr. Marta Mohedano Sanchez presented to the BoA.

She informed the BoA that Prof. Cigdem Toparli, Department of Metallurgical and Materials Engineering at METU (Middle East Technical University, Turkey) will be the first young researcher

that will present a Plenary Lecture at EUROCORR 2022, result of the Plenary Lecture Competition for Young researchers launched in last October 2021.

She also pointed out that interviews of EFC Awards Recipients were published on the Social media to give visibility to the winners of EFC awards and attracting young researchers and engineers in the field of corrosion, as well as encouraging people to apply for EFC prizes.

Dr. Marta Mohedano Sanchez reminded webinars organised with Elsevier for young researchers to give them guidance in constructing and writing a scientific paper in general as well as focused guidance on the key aspects of the different standard sections of scientific papers, such as title, abstract, introduction, etc.

A Webinar on the promotion of women successful career in corrosion was also organised and relayed on Social Media and Prof. Fátima Montemor was the first guest.

It has to be noted that EFC currently has 1 595 followers and the YounEFC network counts 300 members.

Finally, she announced that Mrs. Noémie Ott will take the Chair of the YoungEFC after EUROCORR 2022.

On behalf of the BoA, the EFC President, Dr. Jörg Vogelsang, congratulated Dr Marta Mohedano Sanchez for the very huge work done and the BoA is proud of the many activities accomplished.

The BoA approved the report presented by Dr Marta Mohedano Sanchez.

6-3 EFC Publications

6-3.1 EFC Book Series (WF, RB)

Appendix 12 of the Working Papers presented a status on publications in the EFC book series prepared by the STAC Chairman, Dr. Wolfram Fürbeth and are reminded in **Appendix 13**.

6-3.2 EFC Newsletter (IH)

Mrs. Ines Honndorf, Frankfurt Office, presented the current situation regarding the EFC Newsletter, see **Appendix 14**.

She reminded that Mr. Dan Mobbs is the new newsletter editor replacing Dr. Douglas Mills.

She also pointed out that the April Newsletter will be published few days before the Corrosion Day, 24 April, to promote events especially organised for this occasion.

6-3.3 Progress with Items/Articles for Publication in the Four EFC Journals (RB)

Appendix 15 provides a status on 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 "**KOM**" (Corrosion and Material Protection) .

The Scientific Secretary, Dr. Roman Bender, pointed out the report on EUROCOR 2020 written by Dr. Douglas Mills and published in Corrosion Engineering, Science and Technology in 2021.

He also highlighted the promotion of EUROCORR 2022 and the EFC Newsletter on the different supports of Materials and Corrosion respectively published in December 2021 and January 2022.

He suggested that journal(s) from other EFC Members Societies could also become EFC Official Journal(s).

An action is placed on the Paris Office to include this item in the agenda of the next GA Meeting scheduled on 20 June morning

Item 7 Financial issues (JB)

The Honorary Treasurer, Mrs. Julija Bugajeva presented the Financial Report on the basis of the information given in Appendix 15 of the Working Papers, see **Appendix 16**.

7-1 Draft Accounts for 2021

The Honorary Treasurer, Mrs. Julija Bugajeva, presented the provisional accounts for 2021, see **Page 1 of Appendix 16**.

She pointed out that during 2021 EFC received €48,495 in membership subscriptions, details of which can be seen in Annex 3. Minimum guaranteed royalty of €25,000 was paid to EFC following 2021 virtual EUROCORR and additional small royalty was received following Aluminium & Magnesium conference organised by GfKorr. Additionally, in 2021 EFC received first income in respect of the training course labelling.

She also mentioned that the London Office received the CEFRAFOR invoice for the Paris Office secretariat. Therefore 2021 results are subject to change.

However, at the time being, EFC draft results show an operating surplus of €24,021 and the EFC reserves amount is €392,158.

The BoA agreed the provisional accounts for 2021 for presentation to the next General Assembly.

7-2 Current Subscriptions Position

The Honorary Treasurer, Mrs. Julija Bugajeva, presented the status of subscriptions paid by EFC Member Societies, Cf. pages 8 and 9 of the Annex 3 of Appendix 15 of the Working Papers. It should be noted that a number of societies still have 2020 membership fees outstanding.

These Member Societies will be reminded that to ensure their members continue benefiting from EFC membership and to have the possibility to vote during the next GA, they must be in good standing regarding the payment of their subscription fees.

She suggested to propose these Member Societies that if they are experiencing financial difficulties and wish to propose payment plan, they should contact EFC Presidential team.

The BoA agreed that the GA will be asked to decide on the expulsion of EFC Member Societies having arrears of payments of their subscription fee.

Otherwise, due to the pandemic crisis and difficulties that occurred in all EFC Companies, and that the EFC is on a good financial position, the Honorary Treasurer recommended to not increase the EFC membership fees for 2022, which will be kept at the level of 2021 as follows:

	2015 - 2021	2022
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 members approved to keep the membership fee at the current level for 2022 for presentation to the next General Assembly.

7-3 Budget for 2022

The Honorary Treasurer, Mrs. Julija Bugajeva, presented proposals for the budget for 2022. The proposed 2022 EFC budget agreed by the General Assembly in June 2021 is modified due to the expected 2022 income and expenditure that were showed on pages 6 and 7 of the Annex 2 of Appendix 15 of the Working Papers.

It is expected that CSCP will resume their contribution of €1,500 towards Young Scientist Award in 2022 and income forecast was adjusted accordingly.

Following Dr Mills' retirement, EFC has a new Editor and newsletter production cost was adjusted to reflect new Editor's fee. Paris Secretariat agreed to provide additional administrative support to ensure EFC remains compliant with regulations in Belgium, which is reflected in the increased fee. It is expected that meetings will primarily remain virtual during 2022 and travel and meeting cost lines across different activities were therefore reduced accordingly. Trial of the Solved platform started in 2021 and 2022 forecast assumes that use of Solved platform will be extended at €3,000 annual fee.

After taking into account all changes, it is expected that EFC will end 2022 with operating surplus of €28,950.

Moreover, the budget for 2023 needs to be reconsidered and will present significant changes taking into account the forecast for the COO salary that must be defined.

The BoA approved the budget for 2022 and the proposition for 2023 for presentation to the next General Assembly.

7-4 Adoption of Financial Report

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

Item 8 International activities

8-1 International Award: Corrosion Awareness Honour (DF)

The International Award Corrosion Awareness Honour was created in 2019, together with CSCP, with the support of the WCO for the administration.

Prof. Damien Féron reminded that the Call for Nomination for the Corrosion Awareness Honour 2022 was opened on 25 January with a deadline for submission of nominations to Dr. Roman Bender (roman.bender@dechema.de) on 31 March 2022, see Appendix 16 of the Working Papers and that the jury is composed with members from EFC, CSCP and chair by the WCO President.

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

During the virtual BoA Meeting that took place on 29 September 2021, Dr. Gareth Hinds informed the BoA Members that the agreement negotiated with NACE in 2019 was updated and still needs to be signed. This action was delayed by the merger between NACE and SSPC to form AMPP (AMPP, <https://www.ampp.org>), as NACE were unable to sign any agreements while it was being discussed and implemented.

Dr. Gareth Hinds reported that nothing happened since September 2021.

It was mentioned that the AMPP Annual Conference 2022 was a success with more than 4 500 attendees, many of them came from US, and an important French delegation including many industrial representatives.

The exhibition was also well visited. The WCO was present with a booth but not the EFC.

8-3 ***Activities in Qatar (JV)***

The EFC President, Dr. Jörg Vogelsang reminded BoA Members that 2 of the last Affiliate Members that joined the EFC have connexions with Qatar.

He suggested Dr. Fouzia Hannour they take contact with STAC Members and Working Parties Chairs of the relevant themes of their activities.

Moreover, no progress has been made regarding the Memorandum of Understanding (MoU) between the Qatar Free Zone (QFZ) and the EFC.

8-4 ***Activities in China / CSCP (TP)***

Dr. Tomáš Prošek informed the BoA that the EFC is organizing the second edition of the International Conference on Corrosion Protection and Application ICCPA 2022 with Chinese partners. It will be a hybrid event taking place in Chengdu, China, with European experts participating on-line. There are sessions on Corrosion protection in oil & gas industry, Corrosion protection in marine environments, Corrosion protection in aerospace industry, Corrosion protection in nuclear power generation and Corrosion testing and monitoring. Details about the event are provided in **Appendix 17**.

Mr. Stefan Ritter also informed the BoA on a webinar that took place on the morning of this BoA Meeting that gathered about 60 attendees.

The schedule is provided in **Appendix 18**.

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

Prof. Damien Féron reported on WCO activities, see **Appendix 19**.

He mentioned that the WCO President will change in next April.

He also informed the BoA that he had a meeting with the new President and new Director of ACA (Australasian Corrosion Association) that wish to become again WCO Member.

Item 9 ***Any other Business***

Dr. Tomáš Prošek returned to the subject of Equality, Diversity and Inclusion, and suggested that the document in preparation could be discussed during a next PAC Meeting before to move forward to BoA and GA.

Dr. Wolfram Fürbeth suggested to increase the number of “females” as WP Chair, starting with position of Vice-Chair.

Item 10 Date and Place of next BoA

The next BoA meeting will be held on Sunday 28 August 2022, in conjunction with EUROCORN 2022, in Berlin, at a time and place to be announced later.

A P P E N D I C E S

EUROCORR REPORT FORM 2
(TO BE COMPLETED AFTER THE EVENT)

DATES OF EVENT

20-24 September 2021

VENUE

Online

OVERALL THEME OF THE CONFERENCE:

Materials science and advanced technologies for better corrosion protection

ACTUAL NUMBERS OF DELEGATES RELATIVE TO TARGETS:**CATEGORY****TARGET
NUMBERS****ACTUAL
NUMBERS**

Committee Members, etc. (Invited)

55

49

Member Delegates

160

172

Non-Member Delegates

160

199

Students

162

175

Day tickets (and others)

Exhibitors

Total:

537

595

Total number of complimentary registrations

49

Total number of booths at the exhibition

12

Number of free booths

3

EUROCORR LEVY (Subject to a minimum of 25,000 euros):

For EUROCORR 2021 the following contracted levy was paid in €

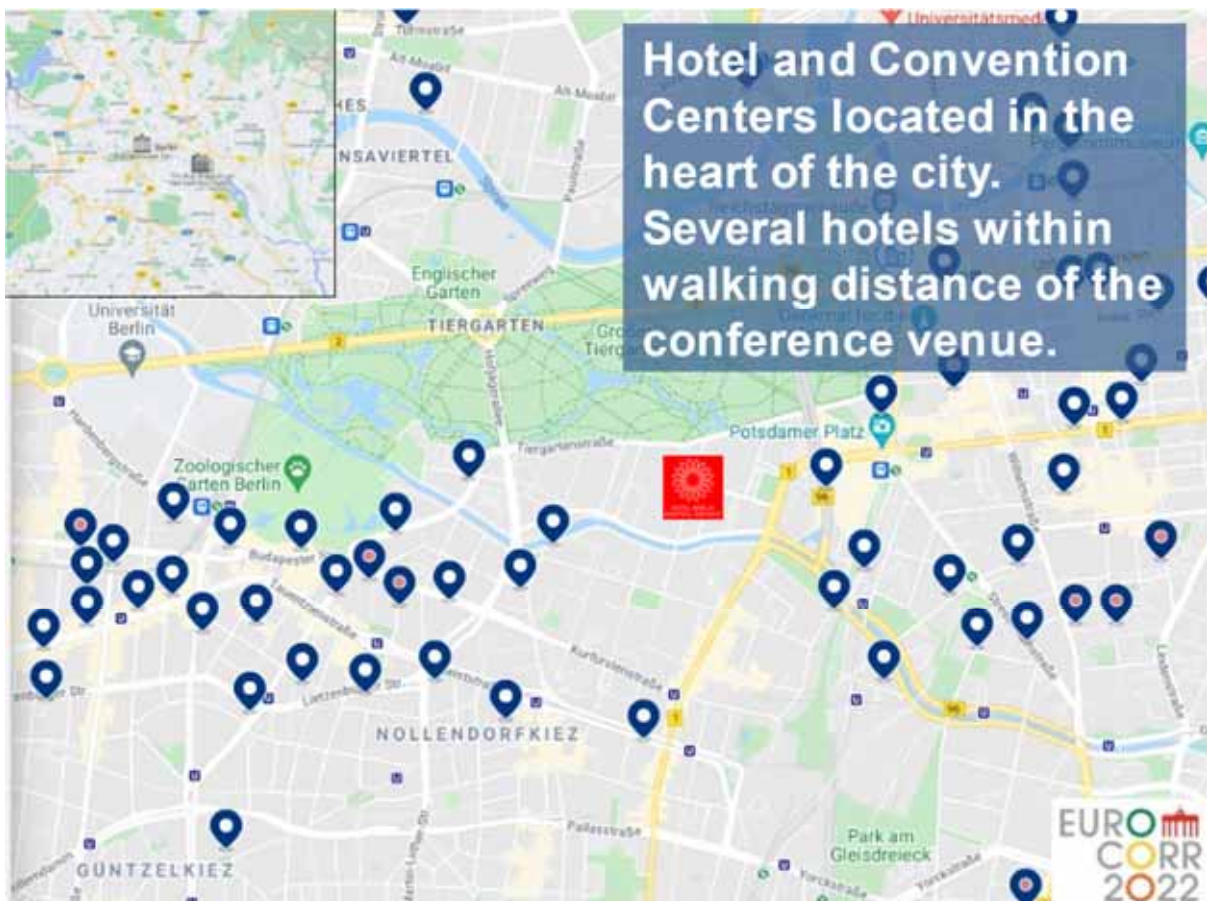
25000

PERCEIVED REASONS FOR DISCREPANCIES BETWEEN THE ANTICIPATED AND ACTUAL NUMBERS OF DELEGATES:**LESSONS FOR FUTURE ORGANISERS OF EUROCORR:**

Try to organize live or hybrid event rather the on-line one.

EUROCORR REPORT FORM 2 (Continued)

SESSION / WORKSHOP (numbers and titles to be added)	NUMBER of sub-mitted ABSTRACTS (cancelled before the conference)	NUMBER of scheduled ORAL PRESENTATIONS	NUMBER of NO-SHOWS
1 WP1	64 (3)	24	7
2 WP3	34 (2)	11	1
3 WP4	70 (11)	25	1
4 WP5	58 (13)	17	3
5 3M, WP6&8	210 (18)	57	11
6 WP7	24 (0)	7	1
7 WP9	38 (9)	8	1
8 WP10	44 (2)	13	1
9 WP11	48 (8)	17	2
10 WP13	74 (5)	26	4
11 WP14	240 (25)	55	7
12 WP15	42 (8)	13	1
13 WP16	52 (11)	14	2
14 WP17	38 (4)	19	3
15 WP18	24 (4)	9	1
16 WP19	19 (0)	1	0
17 WP20	8 (0)	4	0
18 WP21	22 (2)	8	1
19 WP22	28 (0)	12	2
20 WP23	44 (2)	18	3
21 WP24	14 (0)	6	2
22 WP25	62 (5)	23	3
23 WP3&4	14 (2)	5	1
24 WP9&10	8 (1)	5	1
25 WP14&19	10 (0)	10	3
29 WCO&TF	21 (1)	10	0
30 Medical Devices	44 (4)	15	3
31 VUB	38 (6)	14	0
32 WP17&22&25	16 (2)	7	0
33 WP11&16	20 (3)	6	1
34 WP9&16	(3) moved here by the referees	3	0

EUROCORR 2022 – Berlin (Germany) - Progress with arrangements

EUROCORR 2022 – Berlin (Germany) - Progress with arrangements (Continued)

EUROCORR 2022 Homepage



Conference papers submitted

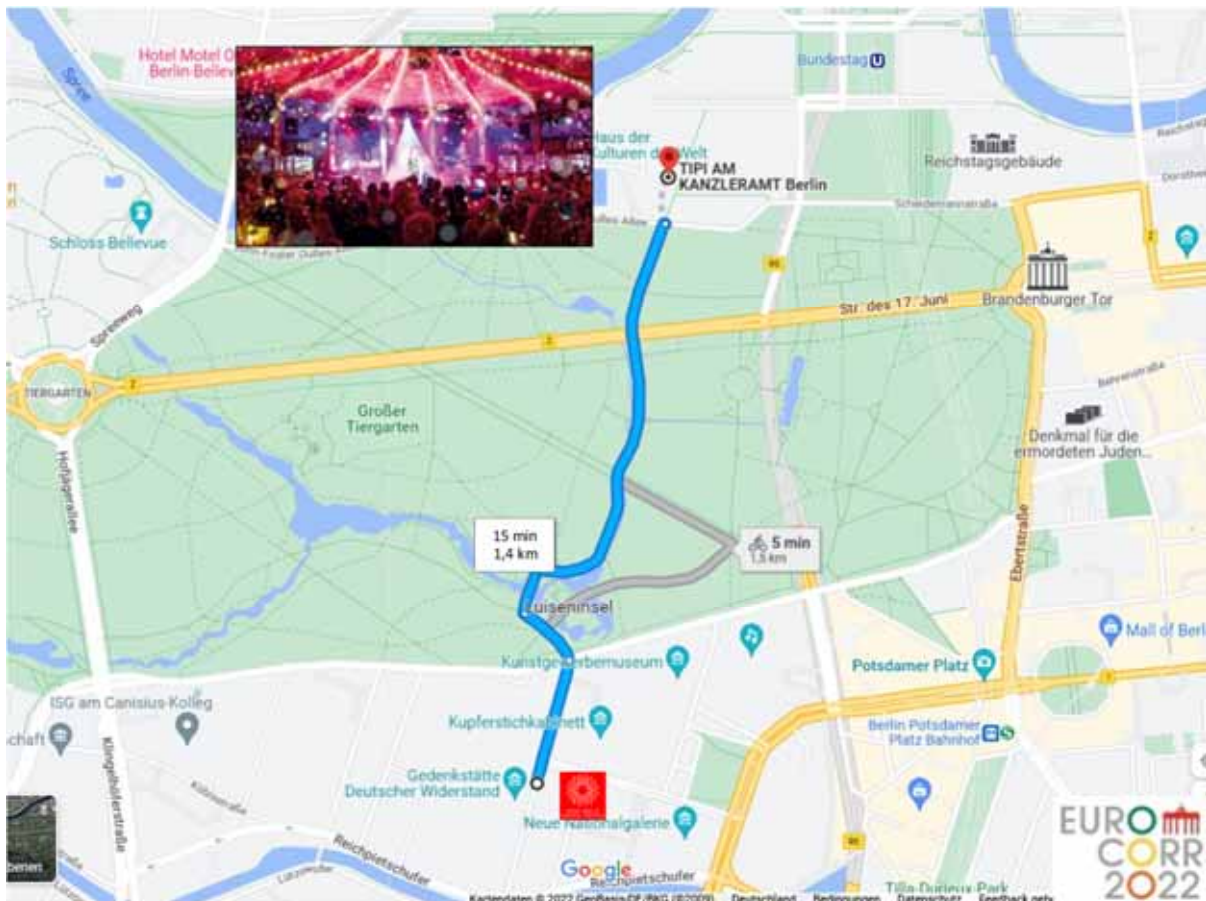
Topics	Lectures	Poster	Topic	Lectures	Poster
WP1: Corrosion and Scale Inhibition	29	6	Joint Session		
WP3: Corrosion by Hot Gases and Combustion Products	12	6	JS: Hydrogen Embrittlement in Atmospheric Exposure Conditions (WP5, WP17, WP22 & WP25)	15	1
WP4: Nuclear Corrosion	32	5	JS: Atmospheric Corrosion of Cultural Heritage Artefacts and Monuments (WP25 & WP21)	4	2
WP5: Environment Sensitive Fracture	29	2	JS: Polymers in Organic Coatings (WP14 & WP19)	5	1
WP6 & 8: Corrosion Mechanisms, Methods and Modelling (3M)	87	10	JS: Cathodic Protection in Marine Environment (WP9 & WP16)	4	
WP7: Corrosion Education	3		JS: Microbial Corrosion in Marine Environment (WP9 & WP10)	1	1
WP9: Marine Corrosion	16	2	JS: Ancient Metals in Marine Environments: Corrosion Mechanisms and Protective Treatments (WP9 & WP21)	1	
WP10: Microbial Corrosion	24	4	JS: Modelling Sustainable Active Protective Coatings (WP6, WP8, WP14, WP22)	8	
WP11: Corrosion of Steel in Concrete	24	5	JS: Corrosion in Concrete and Cathodic Protection (WP11 & WP16)	2	
WP13: Corrosion in Oil & Gas Production	33	6	JS: Cathodic Protection Mechanisms - History and Stories (fkks, German Member Society)		
WP13: Corrosion of Additive Manufactured Components in Oil & Gas Production (special topic within WP13)	7	2	JS: Wind Energy (TF + GKORR)	2	
WP14: Metallic Coatings	21	2	JS: Corrosion in Chemical Process Industries (GKORR)	4	
WP14: Inorganic Coatings	15	7	JS: Corrosion Issues of Electric Vehicles and e-Mobility Systems (WP17 & WP21)	4	
WP14: Organic Coatings	24	8	JS: Corrosion and Scale Inhibition in Geothermal Energy Technologies (WP1 & TF)	2	
WP14: Pretreatments	5	3	JS: Digitalisation (Automation, Data Acquisition, Process Control)	2	1
WP14: Self-healing and Smart Coatings	10	2	WS: Corrosion of Medical Implants and Devices	16	1
WP15: Corrosion in the Refinery and Petrochemistry Industry	9		WS: Corrosion in Green & Low Carbon Energy Technologies	5	
WP16: Cathodic Protection	15	1	The new EU Drinking Water Directive and its Effect on Materials in Contact with Drinking Water		
WP17: Automotive Corrosion	21	2			
WP18: Tribocorrosion	9	1			
WP19: Polymers and Advanced Materials	8	1			
WP20: Corrosion & Corrosion Protection of Drinking Water Systems	4				
WP21: Corrosion of Archaeological and Historical Artefacts	10	2			
WP22: Corrosion Control in Aerospace	12	1			
WP23: Corrosion Reliability of Electronics	21	1			
WP24: CO ₂ -Corrosion in Industrial Applications	11				
WP25: Atmospheric Corrosion	15	4			
TF: Corrosion in Green & Low Carbon Energy Technologies	14	1			

~ 600 Lectures
~ 100 Posters

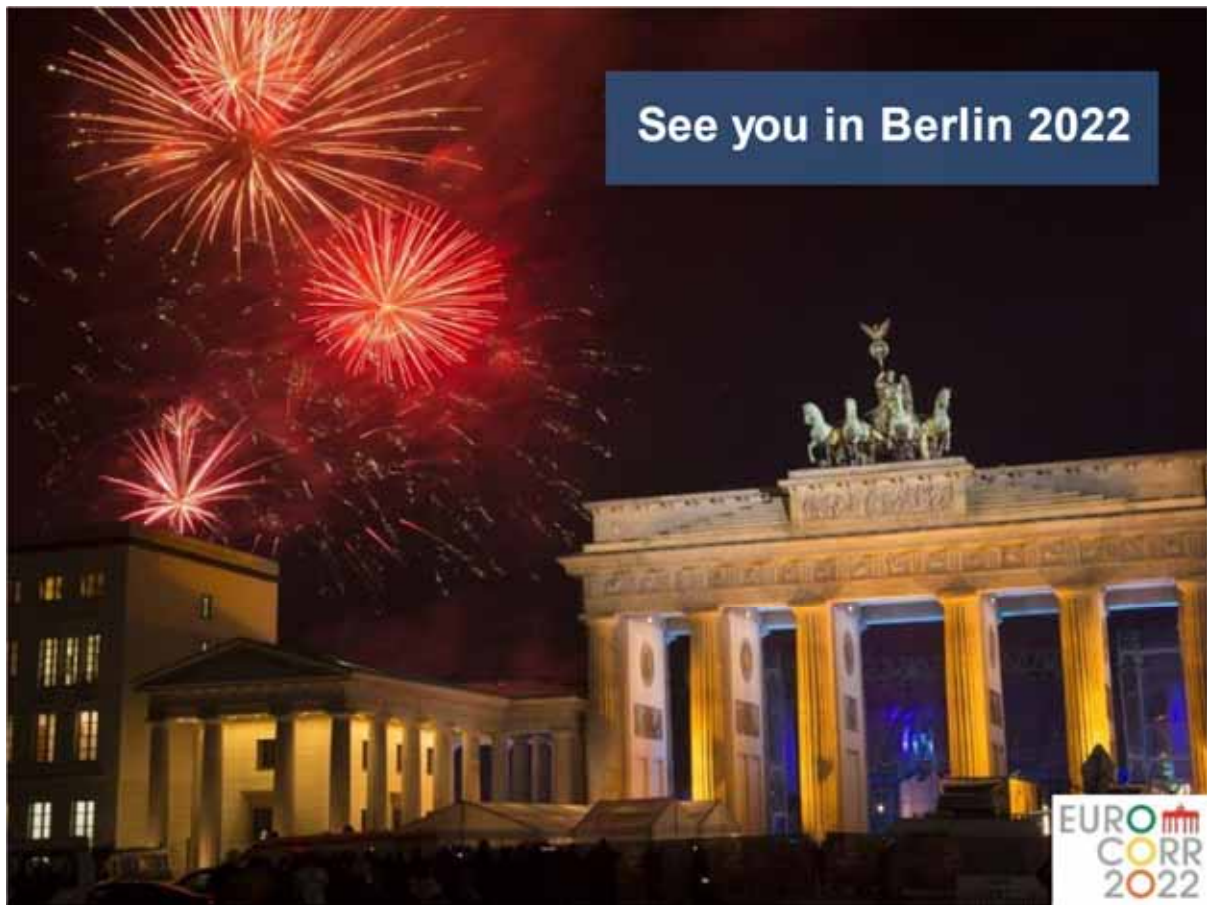
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EUROCORR 2022 – Berlin (Germany) - Progress with arrangements (Continued)

Congress Dinner



EUROCORR 2022 – Berlin (Germany) - Progress with arrangements (Continued)



EUROCORR 2023 - Brussels (Belgium) - Report on Preliminary Arrangements

EUROCORR 2023 27–31 August 2023

- **Topic Proposal** – Driving corrosion prediction and protection towards a circular economy
- **Congress Venue** – SQUARE – BRUSSELS MEETING CENTRE (contract signed)
- **Congress Dinner** – Autoworld Brussels (confirmed reservation)
- **E-poster Session** – The EUROCORR 2023 ePosters aim to be open and accessible to congress delegates throughout the whole congress and to invite to stimulating discussions during the congress. The ePoster sessions topics will be related to the congress areas in themes.
- **Website** – www.eurocorr2023.org
- **Promotion** – exhibition booth at the EUROCORR 2022 congress + promotion at selected events
- **Hybrid platform (if decided to organize the hybrid event)** – Zoom meetings for live sessions (licenses, a module for connecting the congress system to video-conference platform) provided by PCO (GUARANT)



EUROCORR 2023 27–31 August 2023

Registration Fees Proposal

The amount of registration fees prepared in accordance with EUROCORR 2022 (Berlin)

CATEGORY	EARLY REGISTRATION by 31 May 2023	LATE REGISTRATION from 1 June 2023	ON SITE
EFC and VOM Member	790,00 €	890,00 €	960,00 €
Non Member	890,00 €	990,00 €	1000,00 €
Student	390,00 €	440,00 €	460,00 €
EFC and VOM Member one day registration	400,00 €	440,00 €	480,00 €
Non Member one day registration	490,00 €	590,00 €	660,00 €
Accompanying person	250,00 €	250,00 €	250,00 €



EUROCORR 2023 - Brussels (Belgium) - Report on Preliminary Arrangements (Continued)

EUROCORR 2023 27–31 August 2023

- **Congress logo** – The congress logo will be modified based on the confirmed topic of the congress.
- **Congress colors** – Congress colors remain the same as the promotional flyer shows.



EUROCORR 2025 Manual

EUROCORR Manual

EUROCORR 2025

EUROCORR 2025 Manual (Continued)

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EUROCORR 2025 Manual (Continued)

1 INTRODUCTION

1.1 Overview

The European Federation of Corrosion (EFC), founded in 1956, has held a congress on corrosion since 1956, hosted and organised by one of its Member Societies located in Europe. This event, now called EUROCORR, takes place over 5 days and currently consists of approximately 12-14 parallel scientific sessions and additional workshops, an exhibition, a General Assembly, some awards, plus additional events.

Currently, EUROCORR attracts over 1000 delegates, and about 50 exhibitors. The attendance is international, with delegates coming mainly from Europe, Asia and America, in this order. About 60% of the delegates come from academia.

EUROCORR is the flagship event of the EFC and is recognised as the corrosion congress with the highest academic level, unchallenged by other corrosion organisations; this event is therefore vital to the EFC. During the last decade, the congress and the exhibition have grown in size and effort is made to maintain and improve their quality and organisation from year to year.

1.2 Past EUROCORRs

The list of past EUROCORRs since 1956 is given in Appendix 1. This list includes the town, country and dates of the events. The number of delegates and of exhibitors is also included for the years for which this information is available.

1.3 Upcoming EUROCORRs

Upcoming EUROCORRs for the next 3 years are listed below:

EUROCORR 2022	Berlin	Germany	28 August – 1 September 2022
EUROCORR 2023	Brussels	Belgium	27-31 August 2023
EUROCORR 2024	Paris	France	1-5 September 2024

1.4 Hosting of EUROCORR

As stated in the EFC Bye-Laws, EUROCORR must be held in a European country and organised by an EFC Member Society or Societies. Where there is more than one Member Society in the country, it is desirable that all the Societies should be involved.

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

1.5 Rotation policy

EUROCORR cannot be held within 9 years in the same country. The only exception to this rule is in the case there is no bid complying with the minimum requirements for hosting the congress.

1.6 Timing and duration

EUROCORR should ideally commence on a date between September 1st and October 15th; the scientific programme should have a duration of 4 or 5 days and efforts should be made to avoid clashes with other major corrosion conferences (see for example the listing below).

EUROCORR 2025 Manual (Continued)

In order to maintain EUROCORR as a major international event and as the main annual event in the corrosion calendar for Europe, the host society/ies may not hold another national corrosion event of similar standing in the same year. It is, however, welcome to integrate a national or international event into a EUROCORR conference.

EFC Member Societies are requested not to hold conferences on any topic related to corrosion and its prevention between these dates; where long-standing commitments exist, the matter should be discussed by the EFC Science and Technology Advisory Committee (STAC) with a view to reaching an acceptable compromise.

The organizer should ensure that the proposed EUROCORR dates do not overlap with any major corrosion or electrochemistry event of:

- ISE, [https://www.ise-online.org/ise-conferences/next ISE-meetings.php](https://www.ise-online.org/ise-conferences/next%20ISE-meetings.php),
- ECS, <https://www.electrochem.org/upcoming-meetings/>,
- AMPP, <https://www.ampp.org/events/event-listings/calendar>,
- ICC, <http://icc-net.org/index.php/icc-congresses/>,
- FEMS, <https://fems.org/events>.

See also <https://conference-service.com/conferences/electrochemistry.html>.

1.7 Format of the event

The current typical format of the event is given in Appendix 2. This format is provided as a guide and changes are possible.

The scientific programme of EUROCORR usually starts on a Monday, though a start on Tuesday is possible by exception.

1.8 How to use this manual

Bidders should refer primarily to sections 2, 3 and 4 of this Manual to successfully set up and present their bid.

Organisers will find useful information primarily in sections 3, 4 and 5 of this Manual.

EUROCORR 2025 Manual (Continued)

2 BIDDING PROCEDURE

2.1 Steps of the bidding procedure

2.1.1 Submission of the Bids

Following circulation of the call for bids by the EFC Frankfurt Office in autumn four years before a given EUROCORR, as stated in the EFC Bye-Laws, bids for hosting EUROCORR must be submitted to the Frankfurt Office three years before the beginning of the year in which the event is to be held and by the deadline given in the call for bids. The EFC Board of Administrators (BoA) makes the final decision on the organiser of EUROCORR after consideration of all of the bids that have been received. Bids for hosting EUROCORR can only be accepted from Member Societies in good financial standing.

2.1.2 Screening by the EUROCORR Selection Committee

The bids are screened by the EUROCORR Selection Committee in order to ensure that they comply with the minimum requirements of the venue for hosting the congress. The results of the screening are provided by the EUROCORR Selection Committee to the BoA to help make the decision.

The EUROCORR Selection Committee consists of a representative of the Paris and Frankfurt Offices, as well as the EFC Vice-President and the STAC Chairman.

2.1.3 Presentation and selection during the Board of Administrators meeting

The bids selected by the EUROCORR Selection Committee will be presented to the BoA during its spring meeting, usually at the end of March or beginning of April. After the presentation of the bids, the Administrators will discuss the relative merits of the bids, and their relevance to the strategic priorities of the EFC. Following this, the Administrators will vote and the bid with most votes will be declared the winner. In the case of an equal number of votes for the best bids a run-off ballot is conducted.

2.1.4 Signature of the EUROCORR Agreement

The Agreement on the Hosting and Organisation of the EUROCORR, referred in this Manual as the EUROCORR Agreement, contractually links the host, the EFC, and the EUROCORR Congress Secretariat.

This agreement should be signed as soon as possible after the selection of the host, at the latest 2 years before the EUROCORR in question.

2.2 Considerations on gifts and lobbying

It is important that no activities by bidding members could be interpreted as unfairly influencing the BoA decision-making, so great care should be taken to avoid such a situation. The EUROCORR Congress Secretariat should be consulted if bidders are uncertain about the appropriateness of any element of their planned bid. Neither gifts nor hospitality should be offered to BoA members, their families, or EFC staff who are involved in the decision-making process at any stage before, during or after the bidding process. Specifically, the bidders should not offer invitations to visit the destination or attend social or promotional events as a guest of the bidders.

EUROCORR 2025 Manual (Continued)

Also, lobbying with BoA members is not allowed at any time. After the call for bids has been issued, candidates should also no longer contact board members to ask them for advice.

2.3 Bid document

FORMAT: Electronic submission, available in any generally used format.

The main bid document should contain the information detailed in Appendix 4, ideally set out clearly in this order. Relevant pictures, maps, layout diagrams, and tables of data should be included to illustrate key points.

EUROCORR 2025 Manual (Continued)

3 FINANCIAL PROVISIONS

3.1 General principles

The host takes the financial risk, and benefits from the financial surplus generated by the Congress, minus the levy paid to the EFC.

Also, a fee will be paid to the EUROCORR Congress Secretariat, to be contractually agreed between the host and the EUROCORR Congress Secretariat (for the basic services to be provided by the EUROCORR Congress Secretariat, see paragraph 5.1.2.).

The financial provisions described in this Manual are provided in order to inform bidders, as well as hosts, before the signature of the EUROCORR Agreement. The provisions as contractually agreed in the EUROCORR Agreement will prevail over the information provided in this Manual.

3.2 The EFC Levy

The host will pay EFC a levy of

- 12.5% of the total fees paid by delegates,
- 25% of fees paid by new exhibitors and sponsors brought by EFC,
- 15% of fees paid by exhibitors and sponsors participating in the EFC Loyalty programme (based on priority list of exhibitors, see paragraph 5.3.4), and
- 0% of fees paid by exhibitors and sponsors brought by the local host,

subject to a minimum of 50,000 Euros + VAT (including deposits). The minimum is applicable for in-person EUROCORRs only, and not for virtual or hybrid formats, for which the minimum levy is 25,000 Euros.

There are deposits to be paid by the host to the EFC in advance:

- € 10,000 + VAT to be paid 2 years before the given EUROCORR (following the signature of the Agreement),
- € 10,000 + VAT after the deadline for early registration (approximately in June before the given EUROCORR).

The balance will be paid 3 months after the end of the given EUROCORR.

The invoices will be issued by the EFC Honorary Treasurer at the EFC London Office.

3.3 BoA Meetings

The host will participate twice a year in the meetings of the EFC Board of Administrators (BoA) preceding the Congress at their own cost and will provide timely reporting on the progress of the Congress preparation.

3.4 Hosting of events related to EUROCORR

The host will cover the following expenses:

- Expenses for hosting the EUROCORR Programme Meeting and the meeting of the EFC Board of Administrators (BoA) (up to 50 persons in total) wherever possible in the city of the upcoming EUROCORR on two consecutive days in spring of the year the EUROCORR takes place, including rental of rooms, Wi-Fi, coffee breaks, lunches, joint dinner on the first day and all technical facilities to run the meetings (see also paragraph 5.1.1).

EUROCORR 2025 Manual (Continued)

- Expenses for hosting the meetings of the EFC Board of Administrators (BoA), the Science and Technology Advisory Committee (STAC), taking place on the day preceding EUROCORR, including rental of rooms, Wi-Fi, coffee breaks, joint lunch of BoA and STAC and all technical facilities to run the meetings (see also paragraph 5.2.1).
- Expenses for hosting the business meetings of the EFC Working Parties taking place during EUROCORR in the Congress venue, including rental of rooms and all technical facilities to run the meetings (see also paragraph 5.2.4).
- Expenses for hosting the EUROCORR International Scientific Committee meeting, and other joint meetings of EFC with related organizations taking place during EUROCORR in the Congress venue (e.g. with WCO, ACA, AMPP, ICC) including rental of rooms, Wi-Fi, coffee breaks and lunches (if applicable) and all technical facilities to run the meetings (see also paragraph 5.2.4 and 5.2.6).
- Expenses for hosting the YoungEFC meeting, including rental of room and all technical facilities to run the meeting (see also paragraph 5.2.5).

The host shall arrange for facilities for internal business meetings of organizations other than EFC during or before/after EUROCORR (e.g. ISO meetings) on request. Related expenses should be borne by the respective organisation(s).

The host is free to facilitate the organization of additional events during or before/after EUROCORR (e.g. courses) by whatever means. These expenses cannot be charged to EFC. The host is free to bear or not the expenses.

The cost of the Presidential Reception (see paragraph 5.2.2) is to be borne by the host, and then invoiced to the EFC or deducted from the EUROCORR levy to be paid to the EFC.

A get-together party may follow the Young EFC meeting (see paragraph 5.2.3). This event is organized on request of the Young EFC, and the cost is to be borne by the EFC/YEFC.

3.5 The EUROCORR exhibition

A discount of 25% on the complete exhibition package is to be offered to all EFC Affiliate Members and Member Societies wishing to be a EUROCORR exhibitor (see also the “Loyalty Programme” in paragraph 5.3.4).

Complimentary booths are to be provided to EFC, WCO, AMPP and the organiser of the forthcoming EUROCORR.

3.6 Complimentary registrations

Complimentary registrations to EUROCORR to be borne by the host:

- All members of the International Scientific Committee. The International Scientific Committee includes the Working Party Chairs and the Chairs of the scientific Task Forces; additional, e.g. national, members of the International Scientific Committee are at the discretion of the host,
- The EFC President and Vice-President, the EFC Scientific Secretary and Honorary Treasurer, another EFC representative (e.g. CEO, if applicable), and three representatives of the EFC General Secretariat Offices,

EUROCORR 2025 Manual (Continued)

- The laureates of the European Corrosion Medal, the Cavallaro Medal, the Kurt Schwabe Prize and possibly the Honorary Fellow(s) of the EFC, if presented on the occasion of EUROCORR and then invoiced to the EFC or deducted from the EUROCORR levy to be paid to the EFC,
- Two AMPP representatives.

Free attendance at the EUROCORR Congress dinner is to be provided to the EFC President and Vice-President, the EFC Scientific Secretary and Honorary Treasurer, another EFC representative (e.g. CEO, if applicable), three representatives of the EFC General Secretariat Offices, the members of the International Scientific Committee, and two AMPP representatives.

EUROCORR 2025 Manual (Continued)

4 REQUIREMENTS

4.1 The Congress venue

The requirements for the congress venue (including technical equipment) are the following:

- Main lecture theatre for opening ceremony and plenaries with capacity of at least 80% of the expected number of participants.
- 2 rooms with minimum capacity of 250 seats, 6 rooms with minimum capacity of 100 seats and 6 rooms with minimum capacity of 50 seats, each equipped with computer and projector for at least 14 parallel sessions in total.
- Connected area sufficient for a large exhibition (at least 70 exhibitors), the poster session (approx. 300 posters) and with nearby facilities to hold coffee breaks and lunch breaks (if applicable) and the poster party. The required size of this area (min. 1,000 m²) depends on the agreed target numbers and/or expected number of participants/exhibitors/posters.
- Capacity to hold additional events during EUROCORR (for details see paragraph 5.2).

All rooms should be equipped with a computer, projector, and screen.

A strong Wi-Fi should be available to the participants in the whole congress venue free of charge.

In order to facilitate the visualisation of these requirements, a summary of the rooms needed for EUROCORR is provided in Appendix 3.

EUROCORR 2025 Manual (Continued)

5 INFORMATION FOR ORGANISERS

5.1 Before EUROCORR

5.1.1 The EFC Spring Meetings

In the spring before the EUROCORR congress takes place, typically in March or April, the Paper Selection Meeting and the meeting of the EFC Board of Administrators (BoA) is organised by the local host wherever possible in the city of the upcoming EUROCORR on two consecutive days. On the evening between the two meetings, the participants of both meetings are invited to a dinner, at a place selected by the host.

The meeting rooms should be equipped with a computer, projector, screen, and Wi-Fi. For the BoA meeting, the seating configuration should be in U-shape style. Coffee breaks should be served in the morning and in the afternoon, as well as lunch at mid-day.

The number of participants is approx. 25-30, each. The exact number of participants is communicated by the EUROCORR Congress Secretariat for the Paper Selection Meeting, by the EFC Paris Office for the BoA meeting, and by both for the dinner.

5.1.2 Databases

Transfer of data from the EUROCORR Congress Secretariat to the host:

The submission information is collected by the EUROCORR Congress Secretariat and stored in a database, which includes: paper title, topic/session, abstract content, proposed presentation form, presenter, co-authors in the correct sequence, review decision + comments (if available). Additional information regarding the results of the review process, submission statistics etc. may be provided.

The author information is also stored at the database, which includes: gender (m/f/divers), name, affiliation, city, country, email. After the results of the paper selection meeting are settled, this will be exported in excel or csv by the EUROCORR Congress Secretariat and handed over to the host/local organizer, in order to provide the information/contacts for the author notification emails and the required information to prepare the lecture and poster programme. Delivery of this information is at the same time as the notification of authors. It may happen that the poster submission deadline is extended, updates will then be provided later. After the end of the full paper submission process, if applicable, also available full paper files can be exported as a zip file.

Several databases are updated and transmitted each year from one host to another (via the EUROCORR Congress Secretariat):

- The list of exhibitors, including information of the contact person(s), especially of the main decision-maker (when available);
- The list of “no-shows”, i.e. people who registered as oral lecturers but did not show up;
- The list of non-payers;
- The list of withdrawn posters and presentations;
- List of participants (full address and e-mail). It is the responsibility of the host to ensure that the transfer of the data complies with GDPR. A respective opt-in clause must be included in the online registration form.

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Proposed text:

"I agree that my personal data collected in connection with registration for EUROCORR 20XX will be shared with the European Federation of Corrosion and its Member Societies hosting following EUROCORRs solely for use in promoting subsequent events and activities. [tick box to be added]"

5.1.3 The establishment of the scientific programme

The International Scientific Committee shall determine the content, structure and duration of the scientific programme and guarantee the quality of contributions. The composition of the International Scientific Committee, as well as guidelines for the establishment of the scientific programme, are provided in the EUROCORR Agreement mentioned in paragraph 2.1.4 of this Manual.

5.1.4 Establishment of the local organizing committee

The local organiser is responsible for the establishment of the local organising committee. The committee is chaired by a representative of the HOST and co-chaired by a person nominated by the EFC BoA. The latter should be a full member of the local organising committee.

5.1.5 Timeline and responsibilities before EUROCORR

A provisional work-plan, including responsibilities, deadlines and workflow (to be discussed and confirmed by the host), is included in the EUROCORR Agreement.

5.2 Additional events during EUROCORR

All rooms should be equipped with a computer, projector, screen, and Wi-Fi.

5.2.1 The STAC and BoA Meetings

The STAC (usually from 9:00 to 13:00) and BoA (usually from 14:00 to 18:00) meetings take place on the day of the opening of the EUROCORR Congress, usually a Sunday (sometimes a Monday).

The seating configuration room should be in U-shape style. Coffee breaks should be served in the morning and in the afternoon, as well as lunch at mid-day.

The number of participants is approx. 30, each. The exact number of participants is communicated by the Scientific Secretary for the STAC Meeting, and by the EFC Paris Office for the BoA Meeting.

5.2.2 The Presidential Reception

A Presidential Reception is to be organised by the Frankfurt Office according to proposals of the HOST. The invitations are sent by the Frankfurt Office on behalf of the EFC President. The Frankfurt Office will communicate the number of attendees.

5.2.3 The EFC Working Party and Task Force Meetings (Business meetings)

The EFC Working Parties and scientific Task Forces usually program Business Meetings during the EUROCORR Congress. Special requirements for these meetings (e.g. duration, room size) are to be checked with the EUROCORR Congress Secretariat.

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5.2.4 The International Scientific Committee Meeting

For the International Scientific Committee Meeting of the upcoming EUROCORR, the room should be in theatre style. A working lunch should be served.

The number of participants is up to 30. The exact number is communicated by the Scientific Secretary.

5.2.5 The Young EFC Meeting

For the Young EFC Meeting, the room should be in theatre style. The number of participants is up to 60. The Young EFC is in charge of the organisation. A get-together party may follow the Young EFC meeting. This event is organized on request of the Young EFC.

5.2.6 Meetings with partner organizations and internal EFC meetings

Concerning additional extra events, e.g. meetings with partner organizations (AMPP, ICC, CSCP, WCO etc.) and EFC internal meetings (e.g. non-scientific Task Force meetings), the requirements are the following:

- room(s) for 15 attendees in U-Shape style;
- refreshments or lunches depending on the time of the event.

The planning and the number of participants for these meetings is communicated by the EFC Scientific Secretary.

Please note that these meetings are internal to EFC and thus not to be included in the Programme.

5.3 The Exhibition

5.3.1 General considerations

The host shall ensure a smooth organisation of the exhibition including set-up and dismantling. An Exhibitor Manual shall be produced and available in good time before the start of the call for papers. The exhibitors should be promoted prominently on the local EUROCORR website.

5.3.2 Objectives of Exhibitors

Information collected during past EUROCORRs show that the main objectives of exhibitors are:

1. Commercial networking, meeting new business partners
2. Visibility

These goals come before “Prospecting clients” and “Learning / update on innovations and trends”.

Therefore, actions to ensure or improve the recruitment of exhibitors and their satisfaction should focus on addressing these two main objectives.

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Below are some suggestions, all proposed by exhibitors and companies. Local organisers are free to implement them or not.

- Proposing application-oriented workshop(s) dedicated to companies. Many exhibitors hope to give an oral presentation, so that interested people will come and further discuss at the company's booth. A space within the exhibition can be dedicated to commercial presentations, for exhibitors willing to pay an additional fee.
- Sending a mail to exhibitors a few weeks before the exhibition, with information about the participants: e.g. number of participants from each country, name of represented companies. This information will help exhibitors to prepare for the exhibition.
- Exhibitors / participants could have their contact information displayed, e.g. in the e-mail cited above or in the mobile application of the Congress (e.g. via a contact form included in the mobile application without displaying the contact information). Some companies will be happy to have this opportunity. Of course, GDPR regulation have to be followed.
- Possibility to register for the exhibition only. Note that this requires additional resources, as it is then necessary to ensure that people entering session rooms have registered for the scientific programme.

Note however that no commercial presentation should be included in plenary lectures, and scientific presentations should follow the normal selection process.

5.3.3 Requirements for the exhibition area

The target number for EUROCORR Exhibitors is a minimum of 70 exhibitors.

The area hosting the exhibition should be connected with Wi-Fi.

It is very important that the configuration of the Exhibition area ensures a high level of traffic for all booths. In order to meet this objective, coffee and lunch breaks (if applicable) should be included in or nearby the exhibition area and configured in a way to ensure traffic to all booths. If possible, the Poster Area and the Poster Party could also be included in the exhibition area.

Spreading the exhibition over several floors is not recommended.

The required size of this area (min. 1,000 m²) depends on the agreed target numbers and/or expected number of participants/ exhibitors/ posters.

If some booths are less exposed to traffic, they should be allocated by preference to non-paying exhibitors.

5.3.4 The Loyalty Programme

Context

The location of the booth in an exhibition is an important factor for the traffic at the booth, and thus for the success of the exhibitor. EUROCORR exhibitors requested a loyalty programme allowing priority on choosing the location of the booth for e.g. returning exhibitors. The scheme of the loyalty programme should reward companies in a fair way, and at the same time should be simple enough for organisers to manage it. The scheme of the loyalty programme for EUROCORR exhibitors is given by the set of priority rules below.

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Scheme of loyalty programme (priority rules)

1. Main sponsors are given first priority. The level of sponsoring giving access to first priority is defined by local organisers.
2. Next, exhibitors pre-booking at EUROCORR N-1 are given priority. Among them, the rules in steps 4-5 are applied to rank priority.
3. Next, Affiliate Members are given priority. Among them, the rules in steps 4-5 are applied to rank priority.
4. The higher the points detained by the company, the higher its priority to choose booth location. Number of points is calculated as follows:
 - a. Participation at EUROCORR N-1 gives 10 points, participation at EUROCORR N-2 gives 9 points, etc. until EUROCORR N-10
 - b. Participation is taken into account for the previous 10 years
5. If several companies have the same number of points, priority is determined by chronological order of registration (date of duly filled order).

Planning and organisation

Organisers advertise, market and recruit exhibitors “as usual”, but the attribution of booth location is done as follows:

- A deadline for inclusion into the loyalty programme is determined in advance by local organisers.
- Exhibitors registered before the deadline are not allocated a booth immediately; instead, organisers contact them after the deadline in the order determined by the priority rules for choosing the booth location.
- Exhibitors registered after the deadline are allocated remaining booths on the basis of their date of registration (duly filled order).

Responsibilities

- New EFC employee:
 - Ask organisers of EUROCORR N-1 for transmission of actualised database of exhibitors
 - Calculate priority points (simple excel sheet)
 - Transmit to organisers of EUROCORR N the list of exhibitors with their priority points
 - Request update of webpage on EFC site with information about the loyalty program, that organisers can use when prospecting companies
- Organisers:
 - EUROCORR N-1: transmit actualised database of exhibitors to New EFC employee
 - EUROCORR N:
 - Set deadline
 - Inform about loyalty programme and deadline when marketing companies
 - Follow the planning and organisation detailed above

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5.4 Visuals and printed material

5.4.1 Local Website

The host is in charge of setting up a local EUROCORR website with the domain name eurocorrxxxx.org.

Typical information on the website managed by the host is listed below:

- Invitation/ homepage
- Location/Venue
- Accommodation
- Social Programme
- Exhibition/Sponsoring
- Contacts/responsibilities
- Registration including payment
- Visa applications

5.4.2 Name and logos

All the EUROCORR visuals on promotional tools (flyers, website and email banners, printed Programme etc.) must include the following elements:

- The congress name with the year: "EUROCORR 20xx"
Preceded or followed by the EUROCORR Brand: "The annual event of the European Federation of Corrosion"
- EFC logo
- EUROCORR logo
- Logo of the EUROCORR Congress Secretariat

The website (<http://eurocorr.org/eurocorr2016.html>) or banner (below) of EUROCORR 2016 provide examples of these directives.



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5.4.3 Badges

The delegate badge should include the following elements:

- Name and surname
- Role (Delegate, Exhibitor, EFC Official) – possibly with different colour codes
- Organisation (e.g. DECHEMA, TOTAL, University of Toronto...)
- Country

If the badges are used with a lanyard, the EFC recommends the badges to be printed on both faces.

5.4.4 The Programme

The Programme contains the scientific programme of the Congress, along with other important information. It is made available to all participants, including the exhibitors.

The EFC recommends that the host develops a mobile application for the Programme, where all information is easily accessible, as most people prefer to use their smartphones. Once the App is developed it should be reused (possibly in a modified way) in subsequent years. The Programme should also be available on-line on the local EUROCORR website.

The appearance of the Programme should comply with the rules given in paragraph 5.4.5. Also, it should include the EFC event number allocated to the Congress.

5.4.5 Printed information

The following printed documents should be included in the delegates' bag distributed to all participants of the congress, including exhibitors:

- A map of the congress centre on which the different rooms of the scientific program, the exhibition and poster area(s), as well as the coffee breaks and lunches areas are well identified;
- A map of the exhibition area on which booths and exhibitors are well identified;
- An overview of the scientific programme.

If there is no mobile application for the programme, then a printed programme (that may include the maps listed above) should be included in the delegates' bag.

Also, the EFC Newsletter should be included in the delegates' bag. Note that remaining copies of the EFC Newsletter should be sent to the Editor after the congress.

5.5 After EUROCORR

The host has to fulfil several important obligations after the EUROCORR congress has taken place. These include:

- The payment of the EUROCORR Levy to the Honorary Treasurer, as described in paragraph 3.2.
- The update and transmission of the databases that are transmitted from one year to another (see paragraph 5.1.2 to the EUROCORR Congress Secretariat).
- The report to the BoA meeting taking place in March or April on the year following the EUROCORR in question, including the "Report Form 2" which has to be sent to the Paris Office in January of the same year, for inclusion into the Working Papers of the meeting. Reporting in person is not compulsory.

EUROCORR 2025 Manual (Continued)**APPENDICES****Appendix 1: PAST EUROCORS**

Number of delegates: including exhibitors and non-paying delegates

Number of booths: including non-paying booths

Year	Name	Town	Country	Dates	Nb of delegates	Nb of booths
2021	EUROCORR 2021	virtual	—	20-24 Sept	613	12
2020	EUROCORR 2020	virtual	—	7-11 Sept	598	10
2019	EUROCORR 2019	Seville	Spain	9-13 Sept	1248	40
2018	EUROCORR 2018	Cracow	Poland	9-13 Sept	1233	50
2017	EUROCORR 2017	Prague	Czech Republic	3-7 Sept	1406	51
2016	EUROCORR 2016	Montpellier	France	11-15 Sept	1097	55
2015	EUROCORR 2015	Graz	Austria	6-10 Sept	805	31
2014	EUROCORR 2014	Pisa	Italy	8-12 Sept	988	28
2013	EUROCORR 2013	Estoril	Portugal	1-5 Sept	882	18
2012	EUROCORR 2012	Istanbul	Turkey	9-13 Sept	819	27
2011	EUROCORR 2011	Stockholm	Sweden	5-8 Sept	783	20
2010	EUROCORR 2010	Moscow	Russia	9-13 Sept	617	15
2009	EUROCORR 2009	Nice	France	6-10 Sept	743	12
2008	EUROCORR 2008	Edinburgh	Scotland	7-11 Sept	803	
2007	EUROCORR 2007	Freiburg	Germany	9-13 Sept	654	
2006	EUROCORR 2006	Maastricht	Netherlands	25-28 Sept		
2005	EUROCORR 2005	Lisbon	Portugal	4-8 Sept	691	
2004	EUROCORR 2004	Nice	France	12-16 Sept	615	
2003	EUROCORR 2003	Budapest	Hungary	28 Sept-2 Oct	349	
2001	EUROCORR 2001	Riva del Garda	Italy	30 Sept-4 Oct	274	
2000	EUROCORR 2000	London	UK	10-14 Sept	418	
1999	EUROCORR '99	Aachen	Germany	30 Aug - 2 Sept	±500	
1998	EUROCORR '98	Utrecht	Netherlands	28 Sept - 1 Oct	440	
1997	EUROCORR '97	Trondheim	Norway	22-25 Sept		
1996	EUROCORR '96	Nice	France	24-26 Sept		
1994	EUROCORR '94	Bournemouth	UK	30 Oct - 3 Nov		
1993	10th European Corrosion Congress	Barcelona	Spain	5-8 July		
1992	EUROCORR '92	Espoo	Finland	31 May - 4 June		
1991	EUROCORR '91	Budapest	Hungary	21-25 Oct		
1989	9th European Corrosion Congress	Utrecht	Netherlands	2-6 Oct		
1988	EUROCORR '88	Brighton	UK	3-5 Oct		
1987	EUROCORR '87	Karlsruhe	Germany	6-10 April		
1985	8th European Corrosion Congress	Nice	France	19-21 Nov		
1982	EUROCORR '82	Budapest	Hungary	18-22 Oct		
1981	7th European Corrosion Congress	Mainz	Germany	6-11 Sept		

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1977	6th European Corrosion Congress	London	UK	19-23 Sept
1973	5th European Corrosion Congress	Paris	France	24-28 Sept
1969	4th European Corrosion Congress	Amsterdam	Netherlands	7-14 Sept
1963	3rd European Corrosion Congress	Brussels	Belgium	4-7 June
1958	2nd European Corrosion Congress	Frankfurt	Germany	30 May - 8 June
1956	1st European Corrosion Congress	Paris	France	18-24 Nov

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Appendix 2: TYPICAL FORMAT OF EUROCORR

Day	Time (typical)	Event
Sunday	Morning or afternoon	Opening of registration
Sunday	Late afternoon	Welcome reception
Sunday	Morning	STAC meeting
Sunday	Lunch time	Lunch of STAC and BoA meeting participants
Sunday	Afternoon	BoA meeting
Monday	Morning	Opening ceremony, including: opening speech of the EFC and Hosting Member Society Presidents Honorary Fellowship of the EFC European Corrosion Medal Corrosion Medal recipient's lecture Cavallaro Medal (every 2 years) Opening of the Exhibition
Monday	Afternoon	Young EFC meeting
Monday	Evening	Presidential Reception
Tuesday	Late afternoon	Exhibition party
Tuesday	Evening	Social event
Wednesday	Late afternoon	Poster party
Wednesday	Evening	Gala dinner
Thursday	Morning	Award ceremony for the young community: Poster Prize, EUROCORR Young Scientist Grant, Kurt Schwabe prize
Thursday	Mid-afternoon	Closing ceremony Closing of the Exhibition

Appendix 3: EUROCORR STRUCTURE

EUROCORR Structure									
	Sunday		Monday		Tuesday		Wednesday		Thursday
Requirements Computer, beamer, screen, WiFi, Theater style Auditorium Minimum 1 000 seats or 80 % of the expected number of participants	AM	PM	AM	PM	AM	PM	AM	PM	AM
Minimum 250	Young EFC Meeting 50-60 seats Lunch time: International Scientific Committee EUROCORR N-1 30-35 seats Half day: WCO GA 15 seats								
Minimum 250									
Minimum 100									
Minimum 100									
Minimum 100									
Minimum 100									
Minimum 100									
Minimum 100									
Minimum 50									
Minimum 50									
Preview	Exposition Area for 70 Exhibitors - Minimum 1 000 m² Posters Area for 200 Posters Rooms for Business Meetings, room(s) for meetings with pairs and EFC internal meetings Coffee Breaks and Lunches for all participants								

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Appendix 4: TEMPLATE FOR THE BIDDING DOCUMENT

1. Introduction

The bid document should include an introduction that clearly summarises the motivation of the local host: why are they bidding, why for this year, what do they intend to deliver to EFC and to EUROCORR delegates.

2. Background of the organising EFC Member Society/Societies

- Name(s), address(es), main contact person(s) responsible of the organisation of EUROCORR (including e-mail).
- Examples of events organised in the past, including the number of participants and registration fees. Please attach information material (flyers, proceedings or the like).
- If relevant, other expertise.

3. Details of the planned EUROCORR

- Name and address of the venue
- Dates and duration (see paragraph 1.6 of the Bid Manual)
Please make sure that the proposed dates do not overlap with any major corrosion or electrochemistry event of ISE, ECS, AMPP, etc.
- Expected numbers of participants
- Registration fees (including local VAT):

Registration fees (€)	early	regular	on site
Member EFC:			
Non-Member EFC:			
Students:			
One Day:			

(Note that complimentary registrations usually include a minimum of 50 persons.)

- Please note that lunches and coffee breaks should be included in the registration fees.
- Please indicate if conference dinner is included in the registration fees.

4. Budget

Please indicate how EUROCORR organization will be funded (by the society / professional conference organiser)

- If funded by society, please include your society's audited Balance Sheet for the last 2 financial years with the bid;
- If funded by PCO, please include letter from PCO confirming their financial commitment to fund the costs of organising EUROCORR with the bid.

You might use the template budget provided as a guide on request.

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You should consider the provision for expenses provided in Section 3 of the Bid Manual.

5. Capacity and equipment of the venue

The minimum requirements for the venue are specified in Section 4.1 of the Manual for Bidders.

Please indicate:

- The capacity of the main lecture theatre
- The number and capacity of secondary lecture theatres
- The capacity of the exhibition and poster area
- The expected number of exhibitors (target number: minimum 70 exhibitors)

Please provide a map of the venue.

6. Organisational structure

Please describe how the Local Congress Office will be organised, including the number of people from the Member Society(ies) participating in the organisation, eventual contact and role of a PCO and details of the proposed allocation of responsibilities between the society(ies) and the EUROCORR Congress Secretariat.

7. Associated events

- Will other meetings be held concurrently with the event? If yes, provide information.
- Will social events be arranged? If yes, please provide details: additional costs for participants, expected size and location, if available.
- Do you plan to organise special events for students? If yes, please provide information.

8. Accessibility and accommodation

- Is the venue close to main transportation networks? Please provide details.
- Is the town centre easily accessible from the venue? Please provide details.
- Please provide details of hotels, youth hostels etc.

9. Scientific programme

In addition to the scientific areas covered by the Working Parties, which themes/scientific area would you like to focus on?

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Appendix 5: RECOMMENDATIONS FROM PAST HOSTS

The recommendations from past hosts are included in the “Report forms 2” available in the working papers of the BoA meeting taking place each year in March or April. The recommendations below include the most complete set of advices of the recent years, from the hosts of EUROCORR 2015 and EUROCORR 2017.

RECOMMENDATIONS FROM HOSTS OF EUROCORR 2017 (PRAGUE)

The most useful set of advices for any first-time EUROCORR organiser was provided by the Graz EUROCORR 2015 team, see BoA Working Papers, Paris, 08/04/2016, Page 55. We particularly appreciated the following recommendations:

Gregor Mori's Golden EUROCORR rules

- Great **plenary lectures** attract participants. Better to choose top level international scientists and industry representatives than less known locals.
- **Food** of good quality in a sufficient amount is a must. Hungry participants are not going to enjoy the conference. There need to be enough serving locations to avoid queuing.
- Participants highly appreciate **free tickets for public transport**.
- **Be strict regarding demands for registration fees reduction**. There are simply too many of them to be sustainable.
- Be tougher before the conference, then friendly during the conference; people will be pleased. If you do the opposite people will be disappointed.

Further comments and recommendations:

- **Accommodation.** No need to spend much time on selecting and negotiating hotels. Most people book their rooms directly through *booking.com* and similar services. It might be useful to provide some cheap rooms in e.g. university residence halls for students.
- **Advertising.** The conference was widely advertised by roll-ups, stands, leaflets and short presentations in local, European (EGGA, Korrosionsschutz Germany) and international conferences (NACE, APCCC – Asian Pacific Corrosion Control Conference in India, SAE in China, CRFI in Israel, PSK in Poland) and by adverts in partner journals (Focus Rostfrei / Stainless Steel Focus, Materials and Corrosion, local journals). Although we are not able to assess the impact exactly, the strategy was successful and brought additional participants and exhibitors. However, especially outside Europe, it is useful to start advertising at least a year before the conference to attract also more active participants.
- **Communication.** Rapid and smooth e-mail and phone communication in all kind of matters before and during the conference was appreciated. Any participant should be rapidly answered and helped. A designated phone number and specific e-mail addresses were published at the conference web site. A help desk in the congress centre also served many participants.
- **Conference dinner.** Informal, buffet-style dinner was well accepted by EUROCORR participants. They liked there was no additional fee for it, which otherwise limit

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participation of students, younger researchers and company representatives. However, it was a costly decision and thus needs to be carefully considered.

- **Courses.** Both the Graduate Course and Tribocorrosion Course were successful, attracting about 30 attendees each and bringing additional income and possibly also participants. Good visibility of the courses at conference web page, during registration, in e-mails, leaflets and elsewhere is crucial.
- **Exhibition, sponsoring.** For a newcomer, it is time consuming and inefficient to attract companies to EUROCORR. People we know in companies are not those who decide on sponsorship and commercial activities. These are difficult to get to and even more difficult to get convinced. Together with the PCO, we spent a lot of time by visiting stands in previous EUROCORRs, at NACE and other conferences and fairs, by e-mailing all previous exhibitors and sponsors, by personal meetings. EFC should take over exhibition and sponsoring in future; if a good formula is agreed on, both local organizers and EFC would benefit.
- **Exhibition and corrosion control industry.** Some exhibitors from corrosion control companies complained about low participation of customers to EUROCORR. It is true that EUROCORR is still largely academic and even many people from industry are from research departments, not directly concerned with business, purchasing and marketing. It might help to invite (or to let exhibitors to invite) their local customers for a discount price or for free for a day visit.
- **Free lunch.** In past years, it became a standard in EUROCORRs. If not provided, participants would be disappointed.
- **Meeting rooms.** Many efforts were invested into correct assignment of rooms to sessions. Information on expected attendance was obtained from chairpersons and the allocation fine-tuned after the paper selection meeting. Still, some sessions were overcrowded. To help future EUROCORR organisers, numbers on attendance was collected with help of students assisting in each room.
- **Member fee.** After the conference, we have found out that a non-negligible number of those who claimed to be members of our association during registration to get the reduced fee were not members in reality. A verification procedure should be introduced as this leads to significant financial losses for local organizers.
- **No shows.** Surprisingly high number of authors submitted abstracts but never registered for the conference. These need to be eliminated rather early by setting a deadline for author registration to limit no shows and provide space for others. The necessary communication is very time consuming.
- **PCO.** A small member association can hardly organise EUROCORR without help of a PCO. We were very happy with services of Guarant Int. The company took care about a number of minor tasks that would otherwise overwhelm us.
- **Photographs.** Regular updates of photographs from social events and scientific programme were followed by the participants. Many hundreds of them looked at and downloaded them.
- **Printed programme.** The programme was printed on matte paper. Matte paper is slightly more expensive than glossy one but allows for easy jotting. Note pages were added.
- **Presentation system.** For smooth transition of presenters, no one's own computers should be allowed. An integrated timer help in time keeping.

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- **Proceedings.** Many complains came because of a low number of full papers in proceedings. The trend of the decreasing number of full papers needs to be reversed by increasing the proceedings impact by e.g. indexing at Scopus or Web of Science.
- **Social events** (welcome party, exhibition opening, poster party). Even short and relatively modest social events increase the chance of the participants to interact and are appreciated.
- **Social events registration.** Participation to all social events was free of charge but possible only for those who selected it during registration. It reduced the numbers by about 15 %.
- **Social media.** Facebook and LinkedIn profiles were maintained to bring more participants. In order to be efficient, updates need to be fed regularly. We did not find sufficiently enthusiastic person to do it. It would be useful if profiles in selected social media outlets are created and maintained by the EFC to support future EUROCORRs.
- **Tours.** Visitors from overseas required tours for accompanying persons. These can be outsourced.
- **Visa Iran.** As noted already a year ago by the Montpellier organisers, it may take a very long time for Iranians to get a visa to Europe. They should be informed and provided with all documents in advance.
- **Water and coffee apart of coffee breaks.** Water fountains were available permanently in the congress centre. Cash bars with coffee, beer and soft drinks were appreciated. Still, some people demanded free coffee between coffee breaks. We considered it but the cost would be too high. If e.g. a sponsor could pay for it, participants would definitely welcome it.

RECOMMENDATIONS FROM HOSTS OF EUROCORR 2015 (GRAZ)

Exposition :

- **Advertising:** The amount of registrations and exhibitors is the result of a lot of advertising. We had an agreement with NACE so we published an EUROCORR advert in the CORROSION programme.
Additionally the chairman was attending some corrosion conferences in the European area and promoted the conference and spread out flyers.
We also published adverts in different journals and asked the other steel organisations for promoting EUROCORR 2015 to their members.
- **Contacts:** It is good to contact both the national contact person and the contact person from EUROCORR 2015, because the later already “knows everything” and made a decision in favour of a booth.
Voestalpine: contact Mr. Reicht
- The big companies (e.g. suppliers in Oil & Gaz, Automotive) should be there every year.
- The exhibitors should be given the freedom of choice, for example if they want a really big booth.
- Someone at EFC should be responsible to oversee the exposition from year to year, in order to build knowledge and to transfer knowledge from one Organisation Committee to the next. Also one should build a data base with the people who take the decisions.

Conference:

- It is very important to have very good **plenary lectures**. They attract people.

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Try to get them from all over the world. Do not have many lecturers from the local country: the local people will come anyway! Instead give a more international dimension to the conference.

- **Planning of the scientific programme:** this was done with the help of the Dechema. It costs money but it is very helpful. The Convera Software for the scientific programme was very good and really easy to handle.
- **“No-shows”:** We had to set an absolutely deadline, for not reacting authors, before printing the programme and the authors had been informed about this last deadline twice. After this deadline we removed all presentations, when we didn't receive an answer. Because of that I think we had only about 4 no-shows.
- **Computer system for presentations:** Do not use Mac, because the majority of people use PC. Some people with PC had problems when using the Mac computers for their presentations.
- **Food:** Do not hesitate to spend money on food, to make sure participants are happy with it and that everybody will have enough food and nobody is hungry, even on the last day.
- **Accompanying persons programme:** our experience is that not many participants come with their wife or husband, so do not spend too much on that.
- **Accommodation logistics:** Had been outsourced to the local tourism agency. It is really important to offer a lot of cheap accommodations.
- Be tougher before the conference, then be friendly during the conference; people will be pleased. If you do the opposite people will be disappointed
- **Fees reductions:** many asked for reductions. Be tough!
- **We recommend to give all participants free tickets for the public transfer. They loved it.**

Ukrainian Association of Corrosionists: Application to join EFC as European Member



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 Board of Administrators (BoA);
- 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 2022 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:	Ukrainian Association of Corrosionists		
Address:	5 Naukova St., 79060, Lviv, Ukraine		
Tel:	+380 322 631 577	Fax:	+380 322 631 577
E-mail:	pokhmurs@ipm.lviv.ua, korniy_sergiy@ukr.net	Website:	www.ipm.lviv.ua
President:	Prof. Pokhmurskii Vasyl		
Address:	5 Naukova St., 79060, Lviv, Ukraine		
Tel:	+380 322 631 577	Fax:	+380 322 631 577
E-mail:	pokhmurs@ipm.lviv.ua, vasyf.pokhmursky@gmail.com	Application date:	March 10, 2022

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: **Sergiy Korniy** Position: Secretary of the Ukrainian Association of Corrosionists

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

London Office:
Institute of Materials, Minerals & Mining
297 Euston Road
London SW1Y 5DB, United Kingdom
Tel: +44 20 7451 7365
Fax: +44 20 7839 1702
E-mail: julija.bugajeva@iom3.org

Paris Office:
CEFRACOR
28, rue Saint-Dominique
75007 Paris, France
Tel: +33 1 4062 2776
Fax: +33 1 4555 4033
E-mail: p.bridou-buffet@maisondelachimie.com

Frankfurt Office:
DECHEMA e.V.
Theodor-Heuss-Allee 25
60486 Frankfurt (Main), Germany
Tel: +49 69 7564 209
Fax: +49 69 7564 418
E-mail: ines.horndorf@dechema.de

EFC Statement against war in Ukraine

As a scientific organisation, the European Federation of Corrosion would like to express its strong support for the [Joint Statement by the National Academies of the G7 States on Russia's Attack on Ukraine](#).

We stand by all Ukrainians affected by this unjustified attack on their country and express our heartfelt sympathy to the people of Ukraine, in particular to the families of those killed, injured or displaced from their homes.

The unprovoked attack on Ukraine is a fundamental breach of the democratic values upon which the EFC is built. Therefore, the Board of Administrators has decided to suspend all activities with organisations affiliated with the authorities of the Russian Federation with immediate effect.

In this dark hour, we add our voices to all (including many Russians) who oppose this aggression, with the profound hope that this desperate situation can be resolved as expediently as possible, while minimising any further unnecessary loss of life.

Proposal of Chief Operating Officer (Continued)

DRAFT

Function profile

Position & Title

- ▶ Chief Operating Officer (COO)

Overall goal of position (high level summary)

- ▶ Business Development Management (80% -90% of the time), support on coordination within EFC (rest of the time)
- ▶ Development of EFC into an international growing federation
- ▶ Developing the financial strength of EFC
- ▶ Ensuring sustainability of conferences management,
- ▶ Liaison with other societies and member management

Position within the EFC organization

- ▶ Member of PAC, BOA (both as permanent guest w/o voting rights)
- ▶ Report to BOA
- ▶ Link to secretaries and offices within EFC (to be further discussed)

1

DRAFT

Function profile

Responsibilities and authority

- ▶ Bears responsibility for the development and implementation of EFC strategies (sponsors, exhibitors, affiliate members, conferences)

Core activities

- ▶ Sponsor & exhibitor relation management
- ▶ Affiliate members management
- ▶ Permanent member of the local organizing committees of EUROCORR (and other EFC conferences)
- ▶ Development of conferences (EURORCORR + additional ones)
- ▶ Liaison with other societies (ACA, AMPP, CSCP, ECS, WCO, ...)
- ▶ Coordination of EFC offices

2

Proposal of Chief Operating Officer (Continued)

DRAFT

Function profile

Communication relation

- ▶ EFC internal exchange of information: President, Vice-/Past-president, PAC, BOA, GA, offices, STAC, member organizations
- ▶ EFC external exchange of information: Academia, industry, journalists, associations, influencers
- ▶ Central communication function within EFC
- ▶ Biweekly meetings with President & VP + selected guest

Proficiencies & Competencies

- ▶ University degree (MBA or degree in science)
- ▶ Strong communication skills
- ▶ Proven economy skills
- ▶ Leadership
- ▶ Connection to corrosion community
- ▶ English, further language skills are advantageous
- ▶ IT, presentation skills
- ▶ Entrepreneurial, evidence to achieve financial targets in previous roles

DRAFT

Function profile

Employment status, salary (incl. bonus)

- ▶ Which legal identity will employ the COO? (EFC, EFC offices, freelancing position, to be further discussed)
- ▶ Labor laws be involved?
- ▶ Target agreement for bonus to be defined by BOA, bonus shall depend on increase of revenue for EFC
- ▶ Full time
- ▶ Duration: 2-3 years, tenure track possible
- ▶ Recommendation: Connected to one office of the member societies or EFC

Proposal of Chief Operating Officer (Continued)

DRAFT

Outline of the process

- ▶ PAC discussion & approval: 08/03/2022
- ▶ BOA discussion & approval: 15/03/2022
- ▶ Task Force works on Bye-Laws / Statutes revision & job advertisement
- ▶ GA informed: 06/2022
- ▶ Extraordinary GA approval: 09/2022 (virtual GA or hybrid GA at EUROCORR)
- ▶ Position announcement: 09/2022
- ▶ Pre-selection process finished: 12/2022 (via Paris/Frankfurt office)
- ▶ Extraordinary BOA final interview & decision: 01/2023
- ▶ COO starts working: 04/2023

Tasks and Deadlines of Belgian Matters to follow the Belgian law



BELGIAN MATTERS

M. Olivier – 29th of September 2021

Tasks and deadlines

Publication to the Moniteur Belge : **Modification of the statutes, BoA members, registered office**

UBO Registration : **Modification of the BoA members and day-to-day management delegates after publication to the Moniteur Belge**

Belgian Bank account : **payments – approval with two signatures (now J. Bugajeva and M. Olivier)**

Annual account approval : **GA (deadline 30th of June) + sending accounts to the commercial court (Tribunal du commerce) – Max. 30 days after the GA (end of July)**

Taxation (VAT) – **BIZTAX – (Deadline 28/10/2021)**

VAT declaration via Intervat quaterly



Belgian Matters: EFC Paris Office Tasks

Belgian Matters



The EFC Paris office (CEFRACOR) is now in charge of the Belgian matters

The tasks (for Mariana Berthet at CEFRACOR) include :

- Publications in the Moniteur Belge
- Update of the database Crossroad Bank for Enterprises
- Exchanges with the law firm in Corpoconsult in Belgium
- Translation of documents





Guideline for granting the EFC's financial support for WP activities

Please note that usually a total budget of 4000.- € per year is reserved for the financial support of WP activities. This budget item will be approved by the BoA and the STAC decides on the support of applications submitted by the WPs.

Prerequisites for support:

- The activity has to be (co-)organized directly by the EFC WP who is requesting the support.
- If the requested support is targeted for an event, this event must be registered as an EFC event (with EFC event number).
- WP meetings (other than the fall business meetings during the EUROCORRs) are also eligible for support, if they are not in conflict with any other official EFC events.
- No alternative funding sources are available to cover the costs.
- The corresponding WP chair commits to increase the visibility of the EFC support by promoting the activity via suitable channels (e.g., on the EFC LinkedIn site, EFC website, other social media, etc.); contact: socialmedia@efcweb.org:
 - Before the action: flyer advertising the initiative.
 - After the action: summary of the initiative with some graphical material (e.g., photo).
- Preferably, invoices should be paid directly by the EFC.

In exceptional cases, also PhD student grants for facilitating attendance may be funded. Some rules for the selection procedure, if some kind of a grant is involved, need to be followed:

- Selection of the PhD students (to be conducted by the WP(s)) based on the following submissions:
 - Short CV,
 - motivation letter,
 - PhD title and start/end of the thesis,
 - commitment to increase visibility of the action through social media (e.g., interview and short video).
- The financial support may cover the recipient's event registration fee and allowance in special cases.

In case of conflict due to a high number of requests by several WPs:

- The maximum funding per year and WP depends on the demand and the granted support may be reduced not to exceed the available funding.
- Priority will be given to WPs which did not receive financial support during the past three years (the support should be rotated among the WPs).
- New types of WP activities should primarily be supported.
- A joint activity of several WPs should also be given priority.

Financial support is generally excluded for the following activities:

- Covering travel costs or registration fees for lecturers at EUROCORRs invited by WPs.

EFC Awards 2022

EFC AWARDS 2022

Wolfram Fürbeth – March 15, 2022

EFC Medal 2022

- Prof. J.M.C. (Arjan) Mol,
TU Delft, The Netherlands



(just one nomination)



EFC Awards 2022 (Continued)

Cavallaro Medal 2022

□ N.N.

(5 nominations received, no Jury decision so far)



EFC Young Scientist Grants 2022

Applicant	Co-applicant	Topic
Borhan Bin Mohammad Sultan, Chimie Paris Tech – PSL Research University, Paris, France	Dr. Dominique Thierry / Dan Persson, RISE Research Institutes of Sweden, Kist, Sweden	Uncovering the influence of precipitates on the conversion coating of aluminium alloy using state of the art IR spectroscopic techniques

(Just 1 application!)



EFC Awards 2022 (Continued)

EUROCORR Travel Grant for Young Corrosionists 2022

- Andre de Araujo Abilio,
MSc. Student, University of Alberta,
Edmonton/Canada,
Research work on MIC to be presented

(7 applications , however, just one fulfilling the criteria)

EFC Honorary Fellow Awards 2022

- Prof. Juan de Damborenea,
CENIM-CSIC, Madrid, Spain
- Prof. Agnieszka Krolikowska,
Polish Corrosion Society,
Gdansk, Poland
- Dr. Douglas Mills,
University of Northampton, UK

(Selection made from 3 nominations)



Young-EFC Report Activities: September 2021- March 2022

SEPTEMBER 2021- MARCH 2022

Marta Mohedano

Working Papers

1. YEFC activities for Eurocorr2022
2. Get to know the corrosion fighters
3. Webinars Young EFC-Elsevier
4. EFC Carrer Webinars
5. Women in Corrosion
6. Corrosion Awareness Day-April 24th
7. Others

Young-EFC Report Activities: September 2021- March 2022 (Continued)

1. YEFC activities for Eurocorr2022

Task Force Eurocorr: Noemie Ott, Marta Mohedano

- Discussion with Eurocorr2022 Local organisers (Patrick Keil)
- Plenary Lecture Competition for Young researchers with the aim to be a plenary speaker in Eurocorr2022



The young EFC invites you to
3M Plenary Lecture Competition



Prof. **Cigdem Toparli**, Department of Metallurgical and Materials Engineering at METU (Middle East Technical University, Turkey.)

Would you like the opportunity to present your **research during a plenary lecture at EuroCorr2022** (Berlin 28.08-01.09)? If you are up to the challenges, then join the **Young EFC 3M Plenary Lecture Competition**. We are looking forward to your application! Register [here](https://www.youngefc.org) and send your application to YoungEFC@efcweb.org by **November 15th**.

Why participate?

- Develop your academic, presentation and research communication skills
- Develop your ability to effectively explain your research in language appropriate to a general audience
- Celebrate your research success with your peers, and raise your public profile
- Have the chance to give a plenary lecture at the best EuroCorr2022

Application (first round)

- 1 two-sided (free format) to apply and introduce yourself
- CV + list of publications
- Motivation letter

Second round for selected candidates

Challenge yourself and present your research in 3 minutes.

Eligibility

- Contestants must be under the age of 35 during EuroCorr2022 (September 2022). Other candidates may also be considered if there are extraordinary grounds for doing so. (Extraordinary grounds refer to illness, parental leave or similar circumstances)
- Contestants must hold a PhD related to Corrosion
- The winner must register and attend the EuroCorr2022
- The finalist (runner-up) could be used in social media

Key dates

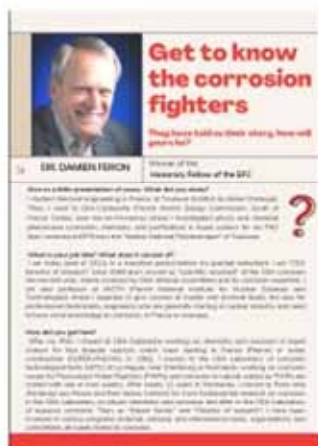
October 2021: registration open
November 15th 2021: application due
December 20th 2021: finalists announced
January 20th 2022: virtual final



2. Get to know the corrosion fighters

Task Force Awards led by Claudia Pinon

- Giving visibility to the winners of EFC awards and attracting young researchers and engineers in the field of corrosion, as well as encouraging people to apply for EFC prizes.
- Based on short interviews with the laureates of the EFC awards



Young-EFC Report Activities: September 2021- March 2022 (Continued)

3. Webinars Young EFC-Elsevier

Task Force Webinars led by Marta Mohedano

- Series of webinars Elsevier (Corr. Sci.)-Young EFC based on Advanced Paper Writing
- Abstract and Introduction conducted in 20th October 2021
- Materials and methods. Results and discussion 06 April 2022



4. EFC Career webinar

Task Force Corrosion Community led by Noemie Ott

- Secrets for a successful scientific path in Corrosion!
- First EFC Career Webinar February 25 2022
- Prof. **Fátima Montemor** was the first guest
- Successful and inspiring session



Young-EFC Report Activities: September 2021- March 2022 (Continued)

5. Women in corrosion

Task Force Social Media led by Andressa Trentin and Marta Mohedano

- 2nd Edition. International day of Women in Science
- Female Corrosionists "on the spot": visibility of women in their workplace
- 20 participants. Very well welcome among the community!



6. Corrosion Awareness Day

Task Force Social Media led by Leonardo Bertolucci

CORROSION AWARENESS DAY 2022

24 APRIL 2022

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 VIA GOOGLE FORM (BEFORE APRIL 1ST)

- Submit the title of the activity with a brief description (max. 100 words) at <https://bit.ly/yefcca2022>.
- 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 on our EFC LinkedIn account

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, etc. 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. The EFC 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.

How to participate?
Register via this form:
<https://bit.ly/yefccad2022>

Young-EFC Report Activities: September 2021- March 2022 (Continued)

7. Others

- Participation in the EFC virtual meetings
- Contribution to EFC summer school organisation
- 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 EFC Task Force “Equity Diversity and Inclusion”

8. Social Media

- Dr. Marta Mohedano and Dr. Andressa Trentin act as Main Social media Managers
- [1595 followers!](#)
- The communication channel was set via email: Email to socialmedia@efcweb.org



EUROCORR22 TRAVEL GRANT COMPETITION

Applicants eligibility:

- Participating in the EUROCORR22
- Having submitted an abstract
- Not older than 30 years (on September 1st)
- Student (including doctoral) working on corrosion science

DEADLINE: 15 FEBRUARY 2022

Supporting documents: Name, full address, a short motivation letter, applicant's CV and abstract submitted to the forthcoming EUROCORR



JAN.28.2022

**ABSTRACT SUBMISSION
IS EXTENDED**



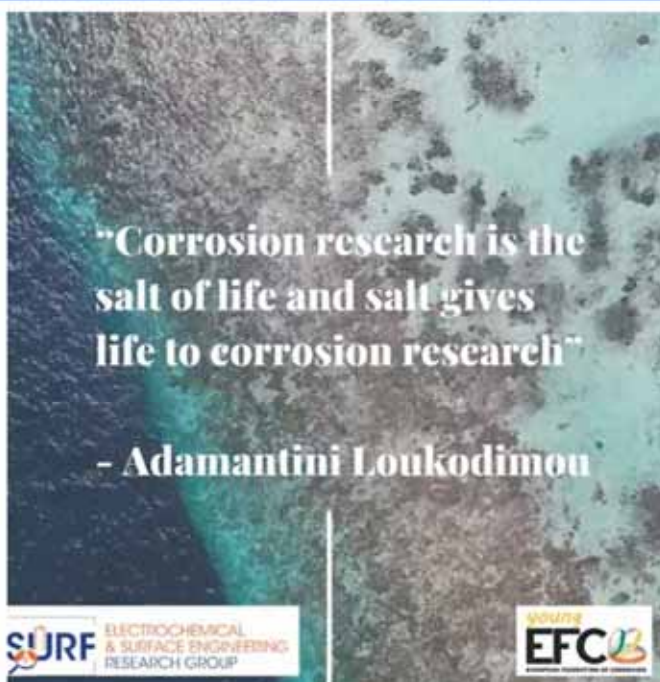
REMINDER

**WOMEN IN
CORROSION**

Young-EFC Report Activities: September 2021- March 2022 (Continued)

Thank you!

Questions?
Comments?

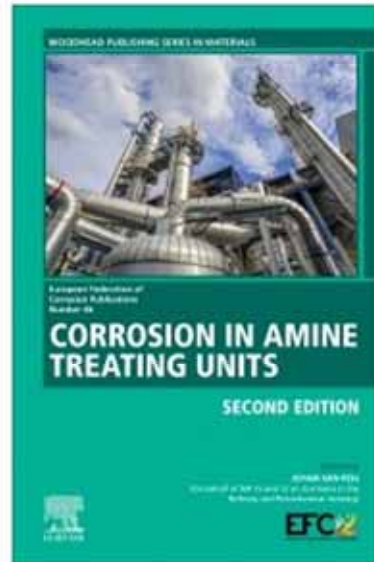


EFC Book Series

EFC Book Series: published 2021



22.08.2021



27.10.2021



EFC Book Series: in preparation

- 1st edition: "Humidity and electronics: corrosion reliability issues and preventive measures" (Rajan Ambat, Kamila Piotrowska, WP23) - to be published soon
- 1st edition: "Corrosion in sea water cooling systems" (V. Bour-Beucier, F. Ropital, WP 9+15) – to be submitted soon
- 1st edition: "Corrosion resistant low alloy structural steels" (Prof. Xiaogang Li in cooperation with WP 6&8) – draft written
- 1st edition: "Bridging the gap: corrosion science for heritage contexts" (from WP21) – book proposal form submitted, review positive
- 1st edition: "Recent advances made on the understanding of carbon steel corrosion mechanisms in marine media" (from WP9) – work ongoing
- Revised edition Vol. 16: "Carbon steel cracking in oil & gas" (from WP13) – only minor revisions expected, work ongoing
- 1st edition: "Corrosion and low carbon energies" (Damien Feron from EFC-WCO workshops in 2020) – first progress made
- 4th edition Vol. 55: "Corrosion under insulation" (Gino de Landtsheer, WP 15) – revision of 3rd ed. planned for 2023/2024



EFC Newsletter

EFC NEWSLETTER REPORT

Ines Honndorf – BoA meeting March 2022

Publication of EFC Newsletters

- e-Newsletter published twice a year
 - ▣ November/ December (*dealine for contributions : 1 November*)
 - ▣ around 24 April (*deadline for contributions : 1 April*)
- printed Newsletter on the occasion of EUROCORR (2020 and 2021 issues mainly published electronically, due to virtual EUROCORRs)
 - ▣ Call for contributions in April to Member Organisations and WPs/TFs; deadline in June/July
- since Autumn 2021, additional “Events” e -newsletter, published occasionally



EFC Newsletter (Continued)

Publication of EFC Newsletters

Examples



Newsletter Editor – succession planning

- Douglas Mills wishes to step down from the main editor position within 2022 (after 7 years of service as the EFC newsletter editor)
- Dan Mobbs, incoming newsletter editor
 - ▢ journalistic background
 - ▢ First steps: examines previous newsletters to suggest improvement of attractiveness, e.g. additional formats such as interviews

EFC Journals

PUBLICATION IN EFC JOURNALS

Roman Bender – March 15, 2022

Publication in EFC Journals

□ **Partner Journals**

“Materials and Corrosion”

“Corrosion Engineering, Science and Technology (CST)”

“Matériaux et Techniques”

“Ochrona przed Korozją” (“Corrosion Protection”)

“Koroze a ochrona materiału” (Corrosion and Material Protection).



EFC Journals (Continued)

Publication in EFC Journals



Publication in EFC Journals

Materials and Corrosion
 Werkstoffe und Korrosion

EVENTS

Events

Next published: 02 December 2021 | <https://doi.org/10.1002/maco.202170124>

Read the full text >

PDF TOOLS SHARE

WILEY

EVENTS

EFC Information

EUROCORR 2022 - CALL FOR PAPERS
 Berlin/Germany, 28th August – 04 September 2022

Dear Colleagues,

As the hosts of the next major annual corrosion congress EUROCORR, DECHEMA, together with the European Federation of Corrosion (EFC) and the Society for Corrosion Protection (ECCORP), we cordially invite you to attend the next year's congress EUROCORR 2022, 28th August – 04 September 2022 in Berlin, Germany.

The main theme of 2022 will be 'Corrosion in a Changing World' - Energy, Mobility, Digitalization.

The scientific programme of EUROCORR 2022 will offer you an opportunity to catch up with the most recent and valuable scientific results and the latest technical developments, and to take part in the development of new standards and regulations in the region of corrosion control.

In addition, we plan to offer several parallel activities, some dealing with the most important general corrosion problems and some focusing on those specific to each branch of industry.

Please note following key dates:

14th January 2022: Abstract Submission Deadline
 14th February 2022: Notification of Acceptance
 1st April 2022: Final Paper Submission Deadline

Materials and Corrosion

Volume 72, Issue 12
 December 2021
 Pages 1328-1334

Advanced Optical Metrology: Corrosion
 Free eBook available now

Recommended

Advanced Events, Definitions and Reporting Procedures

Design, Evaluation, and Management of Medical Device Clinical Trials, (1)

Extens

Professional guidelines for Water Corrosion, (1)

An uncertain future: Predictive events using conditional event distributions (M&M)



EFC Journals (Continued)

Wiley Online Library

From the Leader in Spectral Databases
Accelerate MS identification with KnowItAll 2021 [Try it now](#)

Materials and Corrosion
Werkstoffe und Korrosion

EFC Newsletter [Free Access](#)

EFC Newsletter

First published: 03 January 2022 | <https://doi.org/10.1002/maco.202270015>

EFC
EUROPEAN FEDERATION OF CORROSION

E-Newsletter

Issue December 2021 [View this issue and](#)

Dear Readers,

This somewhat earlier than usual but still interesting edition of the newsletter highlights the upcoming EUROCORR and we all hope and pray, amidst recent notwithstanding, that we will be able to meet and greet one another in person once more in Berlin at the end of August.

There are also information for young corrosionists (study your newsletter editor, although young in heart is no longer virgin!) about two sets of grants: one is the well established grant to enable young corrosion scientists to study at another establishment for a period. The other (new grant) is to enable young people with doctoral training

In This Issue:

- A few words from the EFC President
- Reporting from Virtual EUROCORR 2021
- Upcoming EUROCORR 2022 - invitation and call for papers
- EUROCORR Travel Grant
- EUROCORR 2022 - information for

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Recommended

Calendar of Events

Page 3 / 5

Materials and Corrosion

20. - 22.7.
Lindesh (Austria)

Environmental Degradation of Materials in Nuclear Power Systems

20th International Conference Hybrid 2022 - Materials and Structures

29. + 30.7.
Zurich (Switzerland)

ICRACPCM 2022 International Conference on Recent Advances in Corrosion Prevention, Control and Management

14. - 19.8.
Long Beach (USA)

International Conference on Raman Spectroscopy (ICORS)

28.8. - 1.9.
Berlin (Germany)

EUROCORR 2022

12. - 15.9.
New Orleans (USA)

IMAT 2022 International Materials, Applications & Technologies Conference

Materials Research Society
Materials Research Society
USA
<https://www.mrs.org/conferences>

European Federation of Corrosion
c/o EUROCORR e.V.
Frankfurt am Main
Germany
info@eurocorr.org
www.eurocorr2022.org

AIM International Materials Park
USA
<https://www.aiminternational.org/whats-on/2022>

Wiley Academy of Science, Engineering and Technology
<https://wileyonlinelibrary.com/doi/10.1002/9781119555555.ch1>

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



FINANCE REPORT – BOARD OF ADMINISTRATORS

15 March 2022 – virtual BOA

AGENDA

- ☐ Draft results for 2021
- ☐ Membership subscriptions
- ☐ Proposed budget for 2022-2023

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

Draft results for 2021

	Results 2021	Budget 2021	Results 2020
Total income	80,456	99,000	84,142
Total expenditure	(52,436)	(95,500)	(57,644)
Operating surplus	28,021	3,500	26,497
Strategic actions	(4,000)	(10,000)	(2,667)
Overall surplus/(deficit)	24,021	(6,500)	23,831
Bank balance at 31 December	392,158		344,047



Member status

- 29 societies fully paid
- 3 societies with fees outstanding for 2021
- 5 societies with fees outstanding for 2020 and 2021
- 1 society with fees outstanding for 2018-2021
- 2 societies suspended (unpaid for 2020 and 2021)
- **Outstanding payments to reach EFC before GA on 20 June 2022**

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

2022 membership fees

	2015-2022	2023
Regular member	€1,690	€1,690
Affiliate member (companies)	€1,550	€1,550
Affiliate member (universities or research organisations)	€1,030	€1,030



Budget for 2022-2023

	Budget 2022	Forecast 2022	Budget 2023
Total income	103,000	104,500	104,500
Total expenditure	(72,300)	(75,550)	(77,000)
Operating surplus	30,700	28,950	27,500
Strategic actions	(29,000)	(19,000)	(9,000)
COO fee			?
Overall surplus	1,700	9,950	18,500



International Conference on Corrosion Protection and Application ICCPA 2022



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

EFC Event No.477

2022 International Conference on Corrosion Protection and Application (ICCPA2022)

Conference Notice

Chengdu, Sichuan, China May 27-May 30, 2022

Conference Theme: Focusing on Carbon Peak and Carbon Neutrality to Promote the Building of a Community with a Shared Future for Environment

Corrosion, a common problem faced by all countries in the world, has caused great losses to mankind. It has not only resulted in a large number of disastrous accidents, the exhaustion of precious resources and energy as well as the environmental pollution, but also done great harm to human life, human health and ecological balance. Besides, corrosion has seriously undermined the national economy. Statistics show that, the economic loss caused by corrosion each year worldwide accounts for roughly 3% ~ 5% of GNP, and that in China accounts for about 3.4% ~ 5% of GDP. Corrosion has become an important factor in the sustainable development of national economy and society.

Research shows that at least 30% of the corrosion can be controlled by popularization of science, studies and technology application. The researchers both at home and abroad have been working on innovation to reduce the losses caused by corrosion, which have made great achievements.

The 2022 International Conference on Corrosion Protection and Application, hosted by European Federation of Corrosion (EFC), Sichuan Association for Science and Technology, Chongqing Association for Science and Technology, and Chinese Society for Corrosion and Protection (SCP), will be held in Chengdu, Sichuan Province, China from 27th May to 30th May in 2022 on the theme of *Focusing on Carbon Peak and Carbon Neutrality to Promote the Building of a Community with a Shared Future for Environment*. Members of Chinese Academy of Sciences (CAS), Chinese Academy of Engineering (CAE) and Academia Europaea as well as experts and scholars at home and abroad are invited to deliver keynote speeches on the conference. Also, scholars and leaders in the industry are invited to engage in extensive and in-depth exchange and discussions on the latest achievements and events in corrosion protection and application so as to promote its high-quality development. Professionals engaged in relevant fields all over the world are welcome to attend the conference and deliver contributions.

10.02.2022

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



Conference Organizers

1. Hosts

European Federation of Corrosion (EFC)
Sichuan Association for Science and Technology
Chongqing Association for Science and Technology
Chinese Society for Corrosion and Protection

2. Organizers (in random order)

Southwest Institute of Technology and Engineering
Southwest Petroleum University
Service Center for Academic Societies of SCAST
Institute of Materials, China Academy of Engineering Physics
Institute of Oceanology, Chinese Academy of Sciences
Shanghai Maritime University
Chongqing University of Technology
National Engineering Research Center for Magnesium Alloys
Chongqing Key Laboratory of Environmental Effect and Protection
Sichuan Society for Corrosion and Protection
Chongqing Society for Corrosion and Protection
Sichuan Society for Metals
Chongqing Hongzhixin Information Technology Co., Ltd.

3. Co-organizer

Material Corrosion and Protection Key Laboratory of Sichuan Province

4. Supporters (in random order)

Shanghai GLB Technology Development Co., Ltd.
Wuhan Corrttest Instruments Corp., Ltd.

5. Media Support

Journal of Magnesium and Alloys (SCI)
Coatings (SCI)
Surface Technology (EI)
Equipment Environmental Engineering

6. Advisers (surnames arranged in alphabetical order)

Xue-dong CHEN	Yu-feng CHENG	Wen-jiang DING	Sheng-kai GONG	Bao-rong HOU
Wei KE	He-lin LI	Yan-rong LI	Ying-hong LI	Ping-ya LUO
Xin-ping MAO	Da-qiao MENG	Fu-sheng PAN	Shi-gang SUN	Jun WANG
Kai-ming WU	Jian-xin XIE	Bin-shi XU	Qun-ji XUE	Fu-ze ZHANG
Tong-yi ZHANG	Zhen-ye ZHAO	Ke-song ZHOU		

7. Chairmen

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)

2022 International Conference on Corrosion Protection and Application (ICCPA2022)

Jörg A. Vogelsang

Yan-rong LI

Fu-sheng PAN

8. Presiding Chairman

Hu-lin WU

9. Vice Chairmen (surnames arranged in alphabetical order)

Li-hua DONG Ji-zhou DUAN Xiao-gang LI Chang-jian LIN Ke-zhao LIU

Bo TIAN Lun-wu ZHANG

10. Academic Committee (surnames arranged in alphabetical order)**Domestic Committee Members**

Bin BAI	Zhen-bing CAI	Fa-he CAO	Shou-gang CHEN	Yue-liang CHEN
Ying-liang CHENG	Da-long CONG	Zhong-yu CUI	Chao-fang DONG	Jun-hua DONG
Hui DONG	Ze-hua DONG	Cui-wei DU	Min DU	Yan-xia DU
Ji-zhou DUAN	Tao FA	Zhi-hong FAN	An-qing FU	Zheng-yuan GAO
Shi-feng GUO	Xing-peng GUO	Bing HAN	Ji-ming HU	Yin HU
Feng HUANG	Bin JIANG	Yi-ming JIANG	Peng-fei JU	Xue-song LENG
Jin LI	Jin-feng LI	Wen-ge LI	Yuan-hua LIN	Cun-guo LIN
Bin LIU	Cong LIU	Hong-fang LIU	Jing LIU	Jie LIU
Li LIU	Tao LIU	Xiao-peng LU	Feng LU	Hong LUO
De-fu LUO	Zhan-peng LYU	Chun-feng MA	Su-de MA	Guo-zhe MENG
Li-jie QIAO	Mao-bing SHUAI	Guang-ling SONG	Ying-wei SONG	Ming-xian SUN
Zhi-hua SUN	Tao TANG	Li-bo TONG	Ai-ying WANG	Di-hua WANG
Fu-hui WANG	Jing-feng WANG	Jun WANG	Qin-ying WANG	Li-ping WANG
Peng WANG	Xiu-tong WANG	Xin-hua WANG	Shi-cheng WEI	Jian-hua WU
Jun-sheng WU	Liang WU	Lian-kui WU	Kui XIAO	Zhi-hui XIE
Da-ke XU	Dao-kui XU	Li-kun XU	Xiao-kui YANG	Liang-min YU
Mei YU	Da-wei ZHANG	Da-quan ZHANG	Ding-fei ZHANG	Jin ZHANG
Lei ZHANG	Peng-cheng ZHANG	Rui-yong ZHANG	Tao ZHANG	Yu-xin ZHANG
Fang-chao ZHAO	Jing-mao ZHAO	Yu-gui ZHENG	Rong-chang ZENG	Yu ZUO

Foreign Committee Members

Eric AGEL	Rajan AMBAT	Ralph BÄBLER	BASSEGUY
Angus COOK	Jérôme CROUZILLAC	Teresa DIAMANTINO	Damien FERÓN
Ralf FESER	Wolfram FÜRBEETH	Terje GRØNTØFT	Gareth HINDS
Roy JOHNSEN	Arjan MOL	Bernard NORMAND	Marco ORMELLESE
Shiladitya PAUL	Peter PLAGEMANN	Frank PRENGER	Jim PRESTON
Tomáš PROSEK	Philippe REFAIT	Michael ROHWERDER	Mats STRÖM
Herman TERRY	Johan TIDBLAD	Jörg A. VOGELSANG	Marc E. WILMS

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)

2022 International Conference on Corrosion Protection and Application (ICCPA2022)

Mikhail ZHELUDKEVICH

11. Organizing Committee Members (surnames arranged in alphabetical order)

Gui-xue BIAN	Lin-jiang CHAI	Xue-ting CHANG	Rong-rong CHEN	Shi-qiang CHEN
Ying-chun CHEN	Xue-qun CHENG	Dan-qing FENG	Fei GUO	Na GUO
Zhang-wei GUO	Jian HOU	Hong-jun HU	Quan-tong JIANG	Yan-hua LEI
Xiang-bo LI	Ying-chao LI	Cheng-long LIU	Hong-wei LIU	Na-zhen LIU
Tao LIU	Tong LIU	Zhi-yong LIU	Yan-long MA	Li MA
Peng QI	Jian-tao QI	Yan SHI	Kai-qiang SONG	Jian-bo SUN
Li-dong SUN	Yu-ming TANG	Yun-lei TANG	Hu WANG	Jing WANG
Jun-jun WANG	Xiao-ying WANG	Yi WANG	Chang-gang WANG	Zhong-wei WANG
Zheng-bin WANG	Jia-jia WU	Tang-qing WU	Jun-wei WU	Guo-qiang XI
Mao-cheng YAN	Ming-bo YANG	Yun-xi YAO	Xiao-fan ZHAI	Bin-bin ZHANG
Xian-hui ZHANG	Xin-xin ZHANG	Zhi ZHANG	Wen-jie ZHAO	Chuan-bo ZHENG
Xian-kang ZHONG	Zhi-ming ZHOU			

Theme Forum**I. Corrosion Protection of Nuclear Engineering and Nuclear Power Materials**

President: Da-qiao MENG Member of CAS, Researcher of Institute of Materials, China Academy of Engineering Physics

Foreign Convener: Laure Martinelli, CEA, Paris Saclay University, France

Domestic Convener: Xiao-ying WANG Researcher, Institute of Materials, China Academy of Engineering Physics

Host: Institute of Materials, China Academy of Engineering Physics

Topics:

- 1) Surface Corrosion Behavior of High Activity Radioactive Material and Kinetic Mechanism
- 2) Corrosion Behavior of Nuclear Materials and Failure Mechanism
- 3) Corrosion Behavior of Nuclear Power Materials and Failure Mechanism
- 4) Corrosion Damage on Materials under Extreme Conditions and Failure Mechanism
- 5) Advanced Corrosion Protection Technology of Nuclear Engineering and Nuclear Power Materials

II. Corrosion and Protection of Marine Materials

Presidents: Peng WANG Researcher, Institute of Oceanology, Chinese Academy of Sciences

Da-ke XU Professor, Northeastern University

Da-wei ZHANG Professor, University of Science and Technology Beijing

Rui-yong ZHANG Researcher, Institute of Oceanology, Chinese Academy of Sciences

Foreign Convener: Philippe REFAIT, Professor, University of La Rochelle, France

Domestic Conveners: Ji-zhou DUAN Researcher, The Institute of Oceanology, Chinese Academy of Sciences

Tao LIU Professor, Shanghai Maritime University

Hosts: Institute of Oceanology, Chinese Academy of Sciences and Shanghai Maritime University

Topics:

- 1) Novel Marine Anticorrosion and Antifouling Materials
- 2) Marine Anticorrosion and Antifouling Coating Technology
- 3) Corrosion of Equipment Materials in Extreme Marine Environment and Controlling Methods
- 4) Microbiologically Influenced Corrosion and Relevant Methods for Inhibition
- 5) Detection and Evaluation Criterion for Corrosion in Marine Environment

III. Corrosion and Protection Technology in Petroleum Gas Industry

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

Presidents: Yun-lei TANG Professor, Southwest Petroleum University

Huai-yuan WANG Professor, Tianjin University

Jing-mao ZHAO Professor, Beijing University of Chemical Technology

Foreign Convener: Marc E. WILMS Principal materials & corrosion engineer, Shell

Steve Paterson, Arbeadie Consultants Ltd., UK

Domestic Conveners: An-qing FU Professorate Senior Engineer, CNPC Tubular Goods Research Institute

Jian-bo SUN Professor, China University of Petroleum (East China)

Xian-kang ZHONG Professor, Southwest Petroleum University

Host: Southwest Petroleum University

Topics:

- 1) Mechanism of Corrosion of Metallic Materials in Oil and Gas Production
- 2) Development and Application of Efficient Corrosion Inhibitor
- 3) Material Selection and Corrosion Protection Technology in Extreme Oil and Gas Exploitation Environment
- 4) Application of Anti-corrosion Non-metallic Material and Advanced Coating Technology in the Exploitation, Storage and Transportation of Oil and Gas
- 5) Online Intelligent Monitoring Technique and Integrity Management of Pipelines

IV. Corrosion and Protection of Advanced Aerospace Materials

Presidents: Chen LUO Researcher, AECC Beijing Institute of Aeronautical Materials

Ya-ming WANG Professor, Harbin Engineering University

Tao ZHANG Professor, Northeastern University

Foreign Convener: Theo Hack, Airbus Central R+T, Germany

Mikhail ZHELDKEVICH Professor, Director of Institute, Institute of Surface Science, Helmholtz-Zentrum Hereon and University of Kiel

Domestic Convener: Yan-long MA Professor, Chongqing University of Technology

Host: Chongqing University of Technology

Topics:

- 1) Corrosion Behavior and Mechanism of Advanced Aerospace Materials
- 2) Conversion Coating Technology of Advanced Aerospace Materials
- 3) High-performance Coating Technology of Advanced Aerospace Materials
- 4) Corrosion Monitoring, Testing and Evaluation of Advanced Aerospace Materials

V. Test, Evaluation and Protection of Corrosion Effect

Presidents: Lun-wu ZHANG, Chief Expert, China South Industries Group Corporation; Deputy Director and Senior Engineer, Chongqing Key Laboratory for Environmental Effect and Protection

Ming-xian SUN Deputy Chief Engineer and Researcher, Luoyang Ship Material Research Institute, China Shipbuilding Industry Corporation (CSIC)

Kun ZHOU Senior Engineer, Southwest Institute of Technology and Engineering

Foreign Convener: Tomáš PROSEK Professor, University of Chemistry and Technology Prague

Domestic Conveners: Xiao-kui YANG Senior Engineer, Southwest Institute of Technology and Engineering

Fang-chao ZHAO Senior Engineer, Southwest Institute of Technology and Engineering

Hosts: Southwest Institute of Technology and Engineering, Chongqing Key Laboratory for Environmental Effect and Protection

Topics:

- 1) Intelligent Testing Technology of Corrosion Effect

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)

2022 International Conference on Corrosion Protection and Application (ICCPA2022)

- 2) Corrosion Behavior and Mechanism in Natural Environment
- 3) Dynamic and Static Stimulation of Acceleration Test of Corrosion Effect
- 4) Manifestation and Evaluation of Quantified Corrosion Effect
- 5) Integrated Comprehensive Protection against Corrosion Effect

Invited Speakers**Part of the invited speakers (in random order)**

	Keynote speaker: Dr. Jörg A. Vogelsang, Sika Technology AG, Tüffenwies 16, CH-8048 Zürich Corporate Analytics & Testing Topic: Strategic fields of interest in corrosion research in Europe
	Keynote speaker: Ph.D. Tomáš Prošek, University of Chemistry and Technology Prague Topic: Understanding into accelerated corrosion tests through real time corrosion monitoring
	Keynote speaker: Prof. Konstantina Lambrinou, University of Huddersfield Topic: Liquid metal corrosion challenges in HLM-cooled fast reactors: problem setting & mitigation approaches
	Keynote speaker: Prof. Mikhail Zheludkevich, Institute of Surface Science, Helmholtz-Zentrum Hereon and University of Kiel Topic: Active inhibiting sealing for porous anodic layers
	Keynote speaker: Dr. Regine Basseguy, Laboratoire de Génie Chimique, Université de Toulouse Topic: Marine microorganisms' action: a hazard that can turn to corrosion protection
	Keynote speaker: Professor Ke-zhao Liu, Institute of Materials, China Academy of Engineering Physics Topic: Corrosion and protection of uranium
	Keynote speaker: Professor Zhan-peng LU, Shanghai University Topic: Correlating oxidation behavior and stress corrosion cracking of structural materials in light water reactor coolants

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

	Keynote speaker: Associate Professor Pan Gong, State Key Laboratory of Materials Processing and Die & Mould Technology, School of Materials Science and Engineering, Huazhong University of Science and Technology Topic: Effects of plastic deformation on corrosion properties and high temperature oxidation behavior of CoCrFeMnNi high entropy alloy
	Keynote speaker: Dr. Yi Zhao, Nuclear Power Institute of China Topic: Long-term estimation corrosion model of zirconium alloy
	Keynote speaker: Dr. Martinelli Laure, CEA Topic: High temperature oxidation modelling: Estimation KINetics OXidation (EKINOX) code
	Keynote speaker: Dr. Alfons Weisenburger, Karlsruhe Institute of Technology Topic: Corrosion and corrosion mitigation in Pb alloys
	Keynote speaker: Dr. Peres Véronique, ORANO Topic: Zirconium alloys cladding material oxidation in accidental conditions
	Keynote speaker: Assoc. prof. Milan Kouril, University of Chemistry and Technology Topic: Corrosion aspects related to nuclear waste burial in the Czech Republic
	Keynote speaker: Professor Li Liu, Northeastern University Topic: Study on corrosion protection of deep sea metals
	Keynote speaker: Professor Da-ke Xu, School of Materials Science and Engineering, Northeastern University, China Topic: Unmasking the microbiologically influenced corrosion from the perspective of extracellular electron transfer

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

	Keynote speaker: Professor Jing-jing Wang, Luo Yang Ship Material Research Institute Topic: Low-temperature protective coatings for polar region
	Keynote speaker: Professor Tao Liu, Shanghai Maritime University Topic: Corrosion mechanism of marine steel under multifactor coupling and alternating action in polar shipping line
	Keynote speaker: Prof. Philippe Refait, LaSIE-UMR 7356 CNRS La Rochelle Université Topic: Corrosion and cathodic protection of carbon steel in marine environment; influence of the corrosion products
	Keynote speaker: Dr. Shiladitya Paul, TWI Ltd. and the University of Leicester Topic: Protection of offshore structures using thermally sprayed aluminium alloy coatings
	Keynote speaker: Prof. Roy Johnsen, NTNU, Dept. of Mechanical and Industrial Engineering, Richard Birkelandsvei 2b, N-7491 Trondheim, Norway Topic: Cathodic protection of stainless steel in seawater – effect on corrosion behavior and hydrogen embrittlement
	Keynote speaker: Professor Peng Wang, Institute of Oceanology, Chinese Academy of Sciences Topic: Design of Slippery Surface for Inhibition of Marine Microbial Corrosion
	Keynote speaker: Professor Jun-Lei TANG, School of Chemistry and Chemical Engineering, Southwest Petroleum University Topic: The important impact of corrosion protection on steel materials to reduce carbon emissions: take the carbon emission measurement throughout the life cycle of steel pipeline as an example
	Keynote speaker: Professor Huai-yuan Wang, Tianjin University Topic: Design and strengthening of molecular surface interface and its application in coatings

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)**2022 International Conference on Corrosion Protection and Application (ICCPA2022)**

	Keynote speaker: Professor Chang-feng Chen, China University of Petroleum Topic: Evolution of polymorph Iron Sulfides formation and its control mechanism on H ₂ S corrosion behavior
	Keynote speaker: Professor An-qing Fu, CNPC Tubular Goods Research Institute Topic: Corrosion research in oil and gas industry—from corrosion principles to protection techniques
	Keynote speaker: Dr. Steve Paterson, Arbeadie Consultants Ltd Topic: Applying materials experience from oil and gas production to carbon capture and storage
	Keynote speaker: Dr. Marc E. Wilms, Shell Topic: Opportunities for strain-based design for pipelines in oil & gas production
	Keynote speaker: Dr. Saied Lotfian, University of Strathclyde Topic: Corrosion and its mitigation in offshore wind
	Keynote speaker: Dr. Gareth Hinds, National Physical Laboratory Topic: Reducing the cost of water electrolyzers for green hydrogen production
	Keynote speaker: Dr. Alexandre Paternoster, Strohm B.V. Topic: TCP for H ₂ transport and CCUS applications
	Keynote speaker: Professor Yan-long Ma, Chongqing University of Technology Topic: Corrosion behavior and anodizing surface treatment of advanced aluminum-lithium alloys

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

	Keynote speaker: Professor Ya-ming WANG, Harbin Institute of Technology Topic: High emissivity and corrosive protective ceramic coatings formed on light metals by microarc oxidation
	Keynote speaker: Professor Tao Zhang, Northeastern University, China Topic: Acidity ratio theory and its applications in corrosion field
	Keynote speaker: Researcher Chen LUO, Beijing Institute of Aeronautical Materials Topic: Research progress on the corrosion damage of aero engine key structural materials
	Keynote speaker: Theo Hack, Senior Expert Corrosion and Corrosion protection, Airbus Central R+T Topic: Surface treatment of aluminum structures by the environmentally friendly tartaric-sulfuric acid anodizing process
	Keynote speaker: Prof. Herman Terryn, Vrije Universiteit Brussel Topic: Operando odd random phase electrochemical impedance spectroscopy for in-situ and online monitoring of conversion, anodizing and organic coatings on aluminium
	Keynote speaker: Dr. Peter Visser, AkzoNobel Topic: Lithium-leaching active protective coatings for the aerospace industry, connecting science with product development
	Keynote speaker: David Sinopoli, Engineer, Airbus Helicopters Topic: Condition based maintenance for corrosion on Helicopters
	Keynote speaker: Senior Engineer Da-long Cong, Southwest Institute of Technology and Engineering Topic: Cold sprayed coatings for corrosion and protection

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)**2022 International Conference on Corrosion Protection and Application (ICCPA2022)**

	Keynote speaker: Professor Ze-Hua Dong, Huazhong University of Science and Technology Topic: Distributed corrosion monitoring and risk manage network for key equipment of offshore wind farm
	Keynote speaker: Professor Da-wei Zhang, University of Science and Technology Beijing Topic: Advanced coatings for intelligent corrosion control
	Keynote speaker: Assoc. Prof. Liang Wu, Chongqing University Topic: Research progress of "layered double hydroxide " self-healing films on magnesium alloys
	Keynote speaker: Prof. Xiu-tong Wang, Institute of Oceanology, Chinese Academy of Sciences Topic: Evaluation study on corrosion protection of ship ballast water pipeline coatings
	Keynote speaker: Prof. Rajan Ambat, Technical University of Denmark Topic: Use of Electrochemical Impedance Spectroscopy (EIS) as test and monitoring method for humidity interaction with PCBA
	Keynote speaker: Dr. Yi-ming Jin, Southwest Institute of Technology and Engineering Topic: The environmental adaptability of magnesium alloy
	Keynote speaker: Ass. Prof. Johan Tidblad, RISE Research Institute of Sweden Topic: Atmospheric corrosion of materials exposed on mobile truck trailers in traffic in Sweden
	Keynote speaker: Mats Ström, Senior Technical Specialist, Volvo Car Group Member of RISE-KIMAB Automotive MRCAActive in ISO TC156 Topic: Aspects on accuracy in atmospheric accelerated corrosion testing

Attending Organizations

Part of the list of attending organization (in random order):

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)



2022 International Conference on Corrosion Protection and Application (ICCPA2022)

Southwest Institute of Technology and Engineering, University of Science and Technology Beijing, Chongqing University, Shanghai Maritime University, Shanghai University, Anhui University of Technology, Beihang University, Beijing University of Chemical Technology, Beijing Institute of Structure and Environment Engineering, Chengdu Learn & Practices Technology Co., Ltd., Dalian University of Technology, AECC Beijing Institute of Aeronautical Materials, Northeastern University, Guangdong University of Technology, Harbin Engineering University, Hainan University, State Key Laboratory for Marine Corrosion and Protection, Huazhong University of Science and Technology, Nuclear Power Institute of China, Nanjing Tech University, Ningbo University, Qingdao University, SunRui Marine Environment Engineering Company Ltd., Shandong University, Shanghai Research Institute of Materials, Shanghai Spaceflight Precision Machinery Institute, University of Shanghai for Science and Technology, Sichuan University, Sichuan University of Science & Engineering, Tianjin University, Tianjin Pipe Corporation, Wuhan University of Science and Technology, Xi'an Polytechnic University, Xi'an Jiaotong University, Northwest University, Xihua University, China West Normal University, Southwest Petroleum University, Xiamen University, Zhejiang University, Zhejiang Jiuli Hi-Tech Metals Co., Ltd., Luoyang Ship Material Research Institute, China Ship Scientific Research Center, Institute of Materials China Academy of Engineering Physics, Ocean University of China, Harbin Institute of Technology, Institute of Oceanology, Chinese Academy of Sciences, Institute of metal research, Chinese Academy of Sciences, Shanghai Advanced Research Institute, Chinese Academy of Sciences, China University of Petroleum (Beijing), China University of Petroleum (East China), CNPC Tubular Goods Research Institute, Zhanjiang Branch of CNOOC Limited, CCCC Fourth Harbor Engineering Co., Ltd., Sun Yat-sen University, Engineering Technology Research Institute of PetroChina Southwest Oil and Gas Field Company, Chongqing University of Technology, Shanghai GLB Technology Development Co., Ltd., Wuhan Corrtest Instruments Corp., Ltd., Beijing ANKO Group, Beijing Haonuoxin Technology Co., Ltd.

Note: This list will be updated later.

Language

Chinese and English, simultaneous interpretation available.

Paper

1. Scope: including but not limited to the topics discussed in academic forums.
2. Format: abstract or full text.
3. Instructions for authors: (1) the paper shall be written in English; (2) the content of paper shall not be delivered or published by other publications; (3) the paper shall be novel, scientific and practical; (4) the data and conclusion shall be dependable; (5) the moral rules for publication shall be followed; (6) no national secret shall be involved (for contribution from organization engaged in national defense, aerospace or military affairs, proof of non-confidentiality is required); and (7) the paper shall be saved as a Word document named as "author's name + organization + serial number of theme forum". In case of any oral presentation or poster, please write it down.
4. Publication: the paper will be included in the conference proceedings after it has passed the expert review, which will not be published in any form (including online) but for conference exchange only.
5. How and when to submit:
You are required to log in <https://iccpa2022.scimeeting.cn> for submission.
Please submit your paper before December 31, 2021 (for abstract) or February 28, 2022 (for full text).

International Conference on Corrosion Protection and Application ICCPA 2022 (Continued)

2022 International Conference on Corrosion Protection and Application (ICCPA2022)

6. For other information, please refer to Attachment 1 *Instructions for Authors*.**Timetable****Timetable:** May 27, 2022 - Registration;

May 28, 2022 - Keynote Reports

May 29, 2022 - Reports on Academic Forum and Industry Forum

May 30, 2022 - Closing & Evacuation

Location: Chengdu Xanadu Hotel**Accommodation:** Chengdu Xanadu Hotel Double-bed room: RMB 500/room One-bed room: RMB 500/room**Address:** No. 71, South Section of Rongdu Avenue, Xindu District, Chengdu, Sichuan**Registration:** Please log in <https://iccpa2022.scimeeting.cn> for registration, payment and hotel reservation

Delegate Type	On-site		Online
	Pre-registration (Before March 31, 2022)	On-site Registration	
Ordinary	RMB 2,200	RMB 2,500	RMB 1,500
EFC Member (with Membership Card)	RMB 2,000	RMB 2,300	RMB 1,300
Student (with Student ID Card)	RMB 1,600	RMB 1,900	RMB 900

Important Dates

Date of Conference: from May 27 to May 30, 2022

Deadline for Contribution: February 28, 2022

Deadline for Online Registration: May 25, 2022

Registration Date of Conference: May 27, 2022

Contacts

Person in Charge: Lang Zou +8618512865935

Contribution to Conference:

Lin-sheng Hu +86 15823219738

Conference Registration and Hotel Reservation:

Xiao Wang +86 17783251550

Tel.: +86 023-68792193

Email: wjqkbn@163.com

Schedule of the 5th edition of the EFC-Chinese Corrosion Webinar - 15 March 2022

Schedule		
Moderator: Assoc Prof. Wu Liang, Chongqing University		
Dr. Yao Wenhui, Chongqing University		
15 th March		
Time	Expert	Title
15:00—15:40	Stefan RITTER, Paul Scherrer Institute (PSI), Villigen, SWITZERLAND	Mitigation of stress corrosion cracking in boiling water reactors: a decade of research on noble metal chemical addition
15:40—16:20	Prof. Cristiano PADOVANI, Jacobs–Energy, Security and Technology/Decommissioning	The corrosion behaviour and durability of materials for the long-term containment of high level radioactive waste (HLW) and spent nuclear fuels (SNF)—a brief state-of-the-art review through key examples
16:20—17:00	Prof. Dirk Engelberg, The University of Manchester	Corrosion Mitigation Strategies of Containment Materials for Safe Storage and Disposal of Nuclear Waste
17:00—17:40	Dr. Thierry Couvant, EDF R&D	Stress Corrosion Cracking simulation as a support to engineering

Schedule of the 5th edition of the EFC-Chinese Corrosion Webinar - 15 March 2022 (Continued)**Organizer:**

European Federation of Corrosion (EFC)

Surface Technology Editorial Department

Time:

2022/03/15 15:00-17:40 (GMT+08:00)

Venue:

VOOV meeting (Link to <https://www.vooovmeeting.com/>, Download the software and debug its availability)

Webinar number:532476481

Password: 101807

A handwritten signature in black ink, which appears to read 'J. Vogelsang'. The signature is fluid and cursive, with a horizontal line drawn underneath it.

Dr. Jörg A. Vogelsang
President of EFC

Report on WCO Activities

WCO activities

Damien Féron
EFC PAC meeting
8th January 2022

DF20220208 – V01

1/11

Introduction - WCO financial

- EFC annual fees : \$ 3600,00 (every EFC member is also a member of WCO)
- EFC did not pay for 2020 nor for 2021

	2019/20	2020/21	2021/22
Balance 1 Jan	27,140	31,386	30,421
Income	7,350	3,775	3,875
Expenditure	3,107	4,840	1,148
Balance 31 Dec	31,386	30,421	33,148

Income : member fees

Expenditure (20&21): accountants & bank fees, Lehigh University students
(data from Willi Meier, WCO DG & Treasurer)

DF20220208 – V01

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Report on WCO Activities (Continued)

Main activities

- Meetings with UN (New York) and UN youth representatives (Lehigh University)
- April 24th – Corrosion awareness day (2020/21)
- New action: “Green Power & corrosion” (since 2019)
- Corrosion Awareness Honour
- WCO visibility
- Evolution of WCO organisation



3/11

April 24th - Corrosion Awareness Day – 2020/21

- ☐ The event is not known in Europe (it starts to be by corrosion people)
- ☐ Need to work also on national basis
- ☐ COVID-19
- 2020 WCO Webinar “Corrosion and Low Carbon Energies”
 - ☐ First large webinar organised (around 500 attendees) / 5 international well known speakers . **Many thanks to Willi Meier & Dechema**
- Association with the Young EFC (2020 & 21) / EFC Newsletters (April 2020/2021)
- In 2021: WCO President ‘s video message (one specific for the events in China and following several requests)
- “Material Business” website (a week letter on April 24th)
- More visibility on LinkedIn
 - Announcement of the 2020 webinar : 2000 views
 - “2021 corrosion awareness day” : 2058 views
 - Announcement of the TI “free” papers : 1443 views



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Report on WCO Activities (Continued)

April 24th - Corrosion Awareness Day – 2021

Some events in Europe & the world :

- i. EFC WP4 (Nuclear Corrosion) Online Seminar (Friday, 23rd April)
- ii. Webinar - SWERIM, Sweden (Friday, 23rd April)
- iii. Webinar and photocompetition ("corrosion where I walk")- HUNKOR (in Hungarian), Hungary (Friday, 23rd April)
- iv. Photo/image competition organized by the Coatings & Ceramics and the Metallurgy & Corrosion groups of the Department of Materials at the University of Manchester, April 24^h, 2021.
- v. **Online Technical Session & Corrosion Physical Model Competition- NACE Islamabad, Pakistan (Saturday, 24th April)**
- vi. **WCO Forum at NACE CORROSION2021 (Monday, 26^h April)**
- vii. Metrohm Schweiz and the Swiss Corrosion Network invite scientists and engineers from industry and the Swiss academy to participate in a day dedicated to presenting and discussing different corrosion topics, April 26^h, Zofingen, Switzerland.
- viii. The Institute of Corrosion, UK organized the competition "Thesis in 3 minutes" to explain the importance academic and industrial research on corrosion April 29
- ix. **In China, biggest events, with 19.000 persons in April 2020 (Shenyang) Forum of Corrosion Control Technology and Industrialization Development Guangzhou, China, April 24-26, 2021**
- x.



Many thanks to Prof. En-Hou Han

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April 24th - Corrosion Awareness Day – 2020/21

Some events in France :

- i. Videos (2 in French alexandrine verses, one translated into English)
- ii. Announcements on the CEFRACOR webpage
- iii. Article in the "Techniques de l'Ingénieur"
- iv. Released of five engineering articles (in French and English) on five major corrosion issues regarding nuclear corrosion, seawater corrosion, coatings, inhibitors and tribocorrosion, free of charge
- v. A theatre show on April 23^d, cancelled due to the COVID-19 crisis (*Faire-Fer*) and rescheduled next November during the 2^d edition of "Conversations Arts Sciences"
- vi. Several actions in Universities (expo., conferences, Master class...)



2022 Corrosion Awareness Day

- In continuity
- How to involve AMPP and ACA ?



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Report on WCO Activities (Continued)

New action: “Green Power & corrosion”

- i. Included in the activities of the corrosion awareness day 2020 (Webinar)
- ii. Specific Forum/meeting/workshop/symposium
 - Workshop EFC-WCO during Virtual Eurocorr 2020 (September 2020).
 - WCO NACE Forum during Virtual CORROSION 2021 (planned in initially in 2020)
 - Workshop during the 21st ICC (virtual) Sao Paulo (Brazil), July 2023, 2021
 - Workshop EFC-WCO, virtual Eurocorr 2021 (Budapest), September 19-23, 2021
 - Workshops in China (November 2020 in Guangzhou)
- iii. Other specific workshops organised on the subject in France (IFP) and in UK (IC)
- iv. EFC & WCO task force on the subject
- v. WCO-EFC white paper on «corrosion and lowcarbon energies » **Many thanks to Roman Bender**
- vi. A “Green book” in the EFC series was initially planned, but with the postponement of workshops....



“Corrosion Awareness Honour”

New EFC-CSCP prize given under the umbrella of the WCO

- ✓ Rules written by WCO and accepted by EFC & CSCP at the beginning of 2021 (initiative started during Eurocorr 2019 in Seville, Spain)
 - 9- Nominees should meet some, but not necessarily all, of the following criteria:
 - a meaningful contribution to promotion of public awareness of corrosion and corrosion protection
 - leadership of initiatives with government and/or industry to highlight the importance of corrosion and corrosion protection
 - marked impact on the practice of corrosion control through educational, outreach and dissemination activities
 - affiliation to CSCP, EFC or WCO.
- ✓ 5 jury members : 2 from EFC, 2 from CSCP and WCO President
- ✓ WCO organizes the call and the ballot, gives the certificate. The prize is given alternatively each year in China or in Europe by CSCP or EFC
- ✓ First Honour given in 2021
- ✓ Call for 2022 nominees done

Corrosion Awareness Honour winner announced



The **Corrosion Awareness Honour** has been established to recognize outstanding achievement in raising public awareness of corrosion in cooperation with the EFC, CSCP, Corrosion Technology, the Chinese Society of Corrosion and Protection (CSCP) and the European Federation of Corrosion (EFC). The prize is given annually to a person or organization that has made a significant contribution to the field of corrosion and corrosion protection through educational, outreach and dissemination activities. The prize is given alternatively each year in China or in Europe by CSCP or EFC.



Report on WCO Activities (Continued)

Other activities - WCO visibility

- WCO Website <https://corrosion.org/>
- Increase the WCO visibility in social networks
 - LinkedIn
 - the announcement of the EFCWCO workshop in Budapest (Eurocorr 2021) received the largest number of “views”: 3888 / The last six “posts” received between 913 and 2066 “views”.
 - Personal page
 - It is planned to reactivate the “WCO Facebook page” (last post: February 2016) by using the LinkedIn posts (Emails contacts with Amir Eliezer and his colleague, manager of the page)
 - Increasing the visibility of the WCO webpage
- Increase the WCO visibility in media



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WCO actions 22

- Evolution of the WCO organisation
- April 24th – Corrosion awareness day
- “Green Power & corrosion”
 - White paper with EFC
 - Visibility of the white paper (social networks, websites, UN, universities, press release...)
- End of my term as WCO President: April 2022
- March 6-10, 2022: first AMPP annual conference and Expo. (San Antonio, USA) / next WCO GA on 8th March.



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Report on WCO Activities (Continued)

