

BOARD OF ADMINISTRATORS

Paris, France

April 8, 2016

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
Paris, France, April 8, 2016

Venue of meeting: **Société Chimique de France (SCF)**
250 rue Saint Jacques - 75005 PARIS
France

Date and time of meeting: **Friday, April 8, 2016 - 08h30**

Chairman: **Prof. Fátima Montemor (EFC President)**

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

Attendance List, Page 1

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Paris, 8th April 2016

ATTENDANCE LIST

Signatures

Prof. Dr. A .F. ÇAKIR, (Turkey)

Prof. L. FEDRIZZI (Italy), as Past-President

Dr. J. S. FERNANDES (Portugal)

Dr. D. FÉRON (France), as Vice-President

Prof. Dr. B. ISECKE (Germany)

Prof. Dr. L. LAZZARI (Italy)

Prof. F. MONTEMOR, (Portugal), as President

Mr. G. MORI (Austria)

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

Prof. M. OLIVIER (Belgium)

Mr. T. C. OSBORNE (United Kingdom)

Dr. T. PROSEK (Czech Republic)

Prof. Dr. T. I. TÖRÖK (Hungary)

Dr. J. VOGELSANG (Germany)

Excused

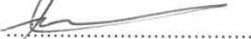
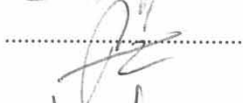
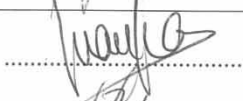
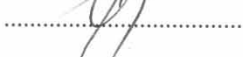
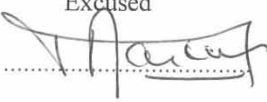
Attendance List, Page 2

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Paris, 8th April 2016

ATTENDANCE LIST

EX OFFICIO REPRESENTATIVES:	Signatures
Dr. R. BENDER, as Scientific Secretary and WebSite (Germany)	
Mrs. J. BUGAJEVA, as Honorary Treasurer (United Kingdom)	
Mrs. H. ILLAIRE, as Managing Officer (France)	
Dr. J.M.C. A MOL, as Chairman of the STAC (The Netherlands)	
GENERAL SECRETARIATS:	
<i>Frankfurt Office (Germany):</i>	
Mrs. D. GLÄNZER	Excused
Mrs. I. HONNDORF	Excused
Prof. Dr. W. MEIER	
<i>London Office (United Kingdom):</i>	
Dr. B. A. RICKINSON	Excused
<i>Paris Office (France):</i>	
Mrs. P. BRIDOU BUFFET	
Mr. M. ROCHE	
GUEST(S) GUEST(S) AND OBSERVER(S):	
Mr. J. de DAMBORENEA, EUROCORR 2019 (Bid from Spain)	
Prof. P. FERNÁNDEZ, EUROCORR 2019 (Bid from Spain)	
Dr. M. KOURIL, EUROCORR 2017 (Czech Republic)	Excused
Mrs. A. KRÓLIKOWSKA, EUROCORR 2018 (Poland)	Excused
Prof. Ph. MARCUS, EUROCORR 2016 (France)	
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**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
PARIS, 8th APRIL 2016, 08:30**

AGENDA

From 08:30 - 10:30

- Item 01 Opening of the meeting
- Item 02 Apologies for absence
- Item 1 Approval of the Agenda and Adoption of the Minutes of the last Meeting
- Item 2 Administrative Matters
 - 2-1 Status of Applications for EFC Membership
 - 2-2 Update/modification of the EFC Membership: Benefits Package, creation of Branche(s) and/or Individual Membership
 - 2-3 EFC subscription to the FAIB (Federation of European and International Associations established in Belgium)
 - 2-4 Status of EFC Regularisation in regard with Belgian Authorities
 - 2-5 Status on the accesses to the Belgian EFC Bank Account
 - 2-6 Re-organisation of the EFC Offices
 - 2-7 Progress towards the Development of the Update of the Strategic Plan
 - 2-8 EFC Awards for 2016
 - 2-9 Young Corrosionists Network
 - 2-10 Reactivation of Working Party 7 on Education
- Item 3 Interaction with other Organisations
 - 3-1 NACE International
 - 3-2 WCO (World Corrosion Organisation)
 - 3-3 ICC (International Corrosion Council)
 - 3-4 ACA (Australasian Corrosion Association)
 - 3-5 MTI (Materials Technology Institute)
 - 3-6 ABRACO
 - 3-7 Relation between EFC and Middle East
 - 3-8 Relation between EFC and Singapore

From 10:40 - 12:45

- Item 4 EFC Activities
 - 4-1 Report of the Scientific Secretary
 - 4-2 Report of the Managing Officer
 - 4-3 EFC Publications
 - 4-3.1 EFC Book Series
 - 4-3.2 EFC Newsletter: Approval of a Call for Tenders and Possibility to introduce Advertisement(s)
 - 4-3.3 Progress with items/articles for the Publication in the three EFC Journals
 - 4-3.4 Progress on Printing-on-demand by External Parties of EUROCORR Proceedings
 - 4-4 EFC Web Site
- Item 5 Financial Report

**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
PARIS, 8th APRIL 2016, 08:30**

AGENDA (Continued)

From 13:45 - 17:00

- Item 6 EUROCORR Series: 2015 to 2019
- 6-1 EUROCORR 2015, Graz (Austria) - Final Report
 - 6-2 EUROCORR 2016, Montpellier (France) - Progress with Arrangements
 - 6-3 EUROCORR 2017, Prague (Czech Republic) - Report on Preliminary Arrangements
 - 6-4 EUROCORR 2018, Krakow (Poland) - Initial Progress Report
 - 6-5 EUROCORR 2019 - Bid(s) Presentation(s) and Selection of the Host
- Item 7 EFC Events and Calendar of Events
- Item 8 Any other Business
- Item 9 Date and Place of next BoA

UNCONFIRMED MINUTES OF THE EFC BOARD OF ADMINISTRATORS (BoA)

Item 01 Opening of the meeting

Prof. Fátima Montemor, President of the EFC and Chairman of the meeting, opened the meeting and welcomed the delegates present (see attendance list).

Item 02 Apologies for Absence

Mrs. Pascale Bridou Buffet, Paris Office, announced 0 apologies received for absence.

Mrs. D. GLÄNZER (Frankfurt Office, Germany);
Mrs. I. HONNDORF (Frankfurt Office, Germany);
Dr. M. KOURIL (EUROCORR 2017, Czech Republic);
Mrs. A. KRÓLIKOWSKA (EUROCORR 2018, Poland);
Dr. B. A. RICKINSON (London Office, UK);
Prof. Dr. T. I. TÖRÖK (Hungary).

Item 1 Approval of the Agenda and Adoption of the Minutes of the last Meeting

1-1 The proposed agenda was approved.

1-2 The minutes of the previous meeting in Graz (6th September 2015) were approved.

The BoA also approved the addition of the item 2-10 on the reactivation of the Working Party 7 on Education proposed by the EFC President, Prof. Fátima Montemor.

Item 2 Administrative Matters

2-1 Status of Applications for EFC Membership

The Frankfurt Office reported on progress on the membership transfer from the Institute of Metal and Technology to the Slovenian Society for Material (SDM – Slovenško društvo za material, Ljubljana). The Frankfurt Office did not receive any membership request from the Slovenian Society for Material.

A membership fee will be paid for 2015 by one of the 2 organisations. It is not clear yet which society will pay.

The Frankfurt Office reported that no membership request has been received from the Albanian Corrosion Society despite the proposal to rejoin the EFC with a 50% reduced fee as it is done now for any new member.

The Frankfurt Office informed the BoA that no new application to join the EFC has been received since the last Graz BoA Meeting, including the possible membership of Ineos O&P (Grangemouth Refinery and Petrochemical site) which expressed interest as Affiliate Member.

2-2 Update/modification of the EFC Membership: Benefits Package, creation of Branch(es) and/or Individual Membership

The Managing Officer, Dr. Hélène Illaire, proposed to revise the various EFC Membership packages. **Appendix 1** provides the presentation and analysis she has prepared.

Dr. Hélène Illaire proposed to develop sponsorship packages to offer societies and companies, involved with corrosion activities, to increase their international visibility. The BoA approved this proposal, subject to the application of clear rules, especially regarding the use of the EFC Logo.

An action was placed on Dr. Hélène Illaire to prepare the content of sponsorship packages to be presented at the next Strategic Meeting, scheduled in Lisbon at early of June, based on models of other federations or institutions.

In parallel, it was found necessary to clarify the rules of the application of VAT as well as the details regarding the invoicing.

Dr. Hélène Illaire will take the lead of these issues in cooperation with the Frankfurt Office and the London Office.

In order to allow the EFC to expand, to become more flexible and to offer solutions to the EFC Members who expressed their current difficulties to pay the EFC Membership fees, the BoA already discussed on the opportunity to create EFC Branch(es) and/or Individual EFC Membership for corrosionists from countries where no national Society exists.

The BoA discussed the possibility to create Individual Members, but it was more in favour of the creation of branches in countries where no corrosion society exists, which does not require modifying the Statutes, at least in the early stage.

It was considered that, at this stage, the creation of a branch does not require modification of the Statutes since this new type of “EFC Member” answers the needs of individual members who want to establish a community of corrosionists in countries where no EFC Member Society exists, such as in Qatar or in Singapore.

The BoA agreed the principle of the creation of an EFC “branch” composed with a minimum of 5 persons, each paying an “individual membership” fee of €90.

An action was placed on the Managing Officer, Dr. Hélène Illaire, in collaboration with the Frankfurt and the UK Offices, to prepare a proposal of a membership form for the next Strategic Meeting scheduled on 2nd and 3rd June in Lisbon to be presented in Montpellier for BoA agreement before recommendation to the GA for approval.

An action was placed to Prof. Dr. João Salvador Fernandes to study if there is the need to introduce EFC branches and/or individual members in the EFC Statutes.

Most of the BoA Members were not in favour regarding the proposal of Prof. Muradov to increase the EFC Membership Fees.

2-3 EFC subscription to the FAIB (Federation of European and International Associations established in Belgium)

Related to the interface with the Belgium Authorities (update of the EFC changes to the “Moniteur Belge”, modifications of the EFC Statutes, advices on the regularisation of the financial situation in regard with the Belgian authorities, etc.), the Managing Officer, Dr. Hélène Illaire, reported on the contacts taken with the FAIB and the application of membership for submitting to this Federation.

Appendix 2 provides a short presentation of the FAIB and the content of the practical guide to operate international non-profit associations, which includes the translation of

the Belgian law under which the EFC is operating, as well as detailed instructions regarding the administrative issues such as the publication in the “Moniteur Belge” of changes in the statutes and of BoA Members every 3 years.

The FAIB can also answer simple questions related to the administration of an AISBL.

For more complex issues, they provide a list of paying consultants specialised in topics such as VAT in Belgium, accounting, taxes, law issues, etc.

2-4 *Status of EFC Regularisation in regard with Belgian Authorities*

During the President Advisory Committee Meeting (PACM), which took place in Paris on 19 January 2016, Prof. Dr. Willi Meier raised that the EFC is not in compliance with the Belgian Authorities.

An action was placed on Prof. Dr. Willi Meier in order to regularise the EFC accounting to the Belgian Authorities before the beginning of July.

A preliminary report will be made during the Strategic Meeting in Lisbon.

Prof. Dr. Willi Meier has already contacted a consulting agency which should be able to help the EFC to solve the situation for an approximate amount of €1,000.

The progress related to the registration to the “Moniteur Belge” of the new administrative address (Sint Annadreef 68B 1020 Brussels) was not discussed. The Frankfurt Office will report on this issue at the next BoA Meeting in Montpellier.

The BoA expressed the necessity to nominate an institution or a person who will be responsible for the EFC actions required to be in compliance with the Belgian Authorities.

On the basis of the result(s) of the actions described above, this item will be discussed at the next Montpellier BoA Meeting.

2-5 *Status on the accesses to the Belgian EFC Bank Account*

The persons who are allowed to access to the EFC Bank Account in Belgium are currently Ir. Antoine Pourbaix, Mr. Don Harrop and Mr. Philippe Berge.

During the PACM, an action was placed on Prof. Dr. Willi Meier to contact Ir. Antoine Pourbaix to make the appropriate action(s) in order to update the accesses to the EFC Bank Account.

Prof. Dr. Willi Meier reported that he did not get any information from Ir. Antoine Pourbaix.

Prof. Damien Féron proposed to ask Mr. Don Harrop to collaborate with the help of Ir. Antoine Pourbaix to update the accesses to the EFC Bank Account.

2-6 *Re-organisation of the EFC Offices*

At the end of September 2015, the EFC President, Prof. Fátima Montemor, received a letter from the President of the FFC (Fédération Française pour les sciences de la Chimie), the EFC Paris Office, informing her that the FFC would cease all its activities and close down by the end of 2015 due to the loss of financial support from its main contributors.

During the PACM, Prof. Dr. Willi Meier raised that changes occurred with the German Tax Authorities. Consequently, now part of the activities of the Frankfurt Office are subject to VAT.

Even if the 3 EFC Offices are operating on the voluntary basis, the repartition of the work between the 3 offices and their need for a financial compensation have to be reconsidered.

The BoA Members were informed that a meeting between the 3 secretariats has been organised on 24 March 2016 in order to draw up an inventory of the tasks of each of the 3 secretariats with the aim to build a future implementation of a more sustainable organisation for the EFC Secretaries.

Prof. Dr. Willi Meier presented the repartition of the tasks between the 3 EFC Secretariats and the current financial compensations, as well as the real cost for the workload, see **Appendix 3**. It has to be noted that these figures do not compensate for the entirety of the real costs of the 3 secretariats, which must include voluntary contributions (voluntary work and overheads), according to the original concept of the EFC offices.

In order to finance the increase of compensation to the EFC Offices, Prof. Dr. Willi Meier proposed to set the EUROCORN Levy at the level of 10 % (currently 5 %).

An action was placed on the Honorary Treasurer, Mrs. Julija Bugajeva, to prepare the best scheme for the increase of the EUROCORN Levy.

The BoA approved this proposal.

The real costs of the 3 Offices, their workload, the new scheme of financial compensation and the increase of the EUROCORN Levy described above will be presented at the next GA in Montpellier.

In accordance with the EFC Statutes, all financial decisions require the agreement of the General Assembly (GA).

Prof. Dr. Willi Meier also proposed an audit of the 3 secretariats with the following objectives:

- First, to ensure the reliability of the work and the costs listed in Appendix 3;
- Second, to explore the possibilities of improving the efficiency of the Offices, while decreasing the costs.

The BoA approved this proposal.

Prof. Damien Féron proposed to involve representatives of the CEA in cooperation with the Managing Officer, Dr. Hélène Illaire, to realise this audit.

On the basis of the results of the actions described above, an action was placed on the Managing Officer, Dr. Hélène Illaire, to formalise in a contract the tasks and services provided by the Offices.

The BoA discussed the opportunity to keep support from 3 secretariats or to centralise the work in one entity. The arguments in favour of keeping the 3 Offices are the following:

- To avoid the domination of one entity and/or country on the Federation;
- To minimise the risks associated with the possible dysfunction of one of the 3 secretariats

The BoA agreed in keeping the 3 secretariats.

An action was placed on Prof. Dr. João Salvador Fernandes to explore the possibilities of finding a new model for the EFC Membership Fees.

Prof. Dr. Willi Meier also proposed to study the possibility to create an Exhibition Levy.

The progress of the studies above will be presented to the BoA in Montpellier. Depending on the result of the BoA discussions, the conclusion(s), if any, will be presented to the GA for approval.

2-7 Progress towards the Development of the Update of the Strategic Plan

The EFC President, Prof. Fátima Montemor, presented a revision of the Strategic Plan, see Appendix 2 of the Working Papers.

The BoA Members were invited to send their comments and/or remarks by e-mail (mfmontemor@ist.utl.pt) not later than 15 May 2016.

A preliminary feedback will be discussed on the occasion of the Strategic Meeting which is planned on 2nd and 3rd June in Lisbon.

The last updated version will be presented to the BoA in Montpellier for agreement and for recommendation to the GA for approval.

2-8 EFC Awards

The STAC Chairman, Dr. Arjan Mol, reported on progress of the Award Task Force (TF), agreed by the STAC and settled in Pisa, to critically discuss and review the current palette, rules and procedure of EFC Awards, see Appendix 3 of the Working Papers.

The BoA Members were reminded that the TF members are:

- Dr. Arjan Mol, as STAC Chairman
- Prof. Damien Féron
- Mr. Don Harrop
- Prof. Dr. Michael Schütze.

Dr. Arjan Mol underlined the main points raised by the work of the Task Force:

- A candidate cannot be nominated for the two awards when the EFC and the Cavallaro award are granted the same year;
- The process of the re-nomination of a same candidate from one year to the other was examined by the TF. In order to simplify and facilitate the re-nomination by the EFC Member Societies, when appropriate, the TF recommend that the jury chair give the appropriate feedback to the unsuccessful nominees and associated Member Society to help them to decide on subsequent re-nomination.
- The opportunity to follow the NACE proposal to introduce a common EFC/NACE award "The Corrosion Hall of Fame", which should be the highest prize at a worldwide level
- The creation of a new award EUROCORR Young Scientist Grant, which should be awarded in the years that the Kurt Schwabe Prize is not awarded. An action is placed on Dr. Arjan Mol to contact the Hungarian Corrosion Society, "HUNKOR", in order to clarify the organisation of these two prizes.

The Awards rules and processes are under the responsibility of the STAC. An action was placed on Dr. Arjan Mol to present the TF proposals at the STAC meeting in Montpellier. An action was also placed on the Managing Officer, Dr. Hélène Illaire, to prepare a proposal of implementation of the EFC and Cavallaro awards rules.

The results of the STAC discussions will be presented to the BoA for approval.

The GA will be also informed in Montpellier of the modification(s) and improvement(s) implemented in the EFC Awards.

The STAC Chairman, Dr. Arjan Mol, reported on the outcome of the new award: the EUROCORR Young Scientist Grant.

The Managing Officer, Dr. Hélène Illaire received 10 nominations of which 9 were eligible. The jury, which met in person on 8 April 2016, elected 3 recipients as follows:

- Mr. Baiwei Zhu (Jönköping University, Sweden) hosted by Prof. Flavio Deflorian (University of Trento, Italy), “Optimization of aluminum alloys, the casting and the anodizing processes for high thermal conductive components”;
- Mrs. Elisabetta Di Francia (Politecnico di Torino, Italy) hosted by Dr. Delphine Neff (CEA/CNRS/University Paris Saclay, France), “optimisation of a non-invasive laser cleaning procedure”;
- Miss Beatriz Mingo (University Complutense of Madrid, Spain) hosted by Prof. Mikhail Zheludkevich (Helmholtz Centrum Geestacht, Germany), “Development of passive surface treatments for magnesium alloys”

The STAC Chairman, Dr. Arjan Mol, announced the situation concerning the EFC Awards to be presented in 2016: the EFC Medal, the Honorary Fellow Award and the Cavallaro Medal.

The **EFC Medal** has been discerned to Prof. Lorenzo Fedrizzi, who was warmly congratulated by the BoA members.

The new rules state that a candidate cannot be nominated for the two awards when the EFC and the Cavallaro awards are granted the same year. The Paris Office did not receive any nominations for the **Cavallaro Medal**.

The TF, in cooperation with Prof. Fabrizio Zucchi, will consider what could be done to stimulate and activate the EFC Community to nominate high potential candidates for the Cavallaro Medal in the upcoming years.

Regarding the **Honorary Fellow Award**, the Paris Office received only 2 nominations which were not fulfilling all the criteria of this award. It was discussed the possibility of nominations from EFC.

It was agreed that there is no obligation in the rules that this award has to be discerned each year.

Nota: After reviewing the applications received, and considering the rules and objectives of the EFC Honorary Fellow Award, after discussions between the Honorary Fellow Award Jury members in Paris, it was decided to not award this distinction in 2016.

However, the BoA considered that the process of the call for nominations should be revised and proposed that the EFC President, the STAC and/or the BoA Members could nominate candidates.

It was proposed that this topic will be including in the respective agenda to be discussed during the STAC and BoA Meetings in Montpellier.

2-9 **Young Corrosionists Network**

During the Graz STAC Meeting, it has been proposed the creation of a Task Force (TF) moderated by the STAC Chairman, to form a small core group of young corrosionists from the EFC Community. The objectives of this TF are the stimulation and activation of the young corrosion community in terms of EFC actions required to promote international networking, collaboration, education, communication, exchange, recognition, etc.

The BoA Members were reminded that the TF members are:

- Dr. Yaiza Gonzalez-Garcia (NL)
- Prof. Christofer Leygraf (SE)
- Dr. Marta Mohedano (D)
- Dr. Cem Ornek (UK)
- Dr. Michele Fedel (IT)

Dr. Arjan Mol presented the strategic action plan and the progress of the activities of this TF, see **Appendix 4**.

The TF prepared a questionnaire with the aims of collecting information to support young corrosion scientists/engineers to build bridges between senior scientists or professionals with young members of the international corrosion community.

It has been asked that this network, which is to be launched in Montpellier, will be announced on the EFC and EUROCORR 2016 websites, as well as during the opening speeches

The TF plans to organise a meeting in Montpellier and asks for a small place in the poster area as a meeting point. In this purpose, the logo proposed in Appendix 4 was approved by the BoA which also agreed that banner(s) and flyer(s) will be prepared for EUROCORR 2016 in Montpellier, and will be charged on the EFC budget upon the reception of a quotation.

All these actions were approved by the BoA and will be coordinated by the Managing Officer, Dr. Hélène Illaire. She will also link them with the Working Party 7 on Education and the organisers of EUROCORR 2017 in Prague.

2-10 Reactivation of Working Party 7 on Education

Dr. Arjan Mol informed the BoA that the Working Party 7 was recently reactivated with the involvement of Prof. Daniela Zander and Prof. Stefano Trasatti.

As decided during the PACM in January 2016, in Paris, Dr. Arjan Mol has informed the WP 7 that what the EFC is expecting from this WP the coordination in Europe of corrosion education, and has asked them to prepare a strategic plan.

Dr. Arjan Mol presented this strategic plan, see **Appendix 5**.

The BoA expressed its full support to the activities of this WP.

Item 3 Interaction with other Organisations

3-1 NACE International

The minutes of the meeting between EFC and NACE which took place on Tuesday, September 9, 2015, during EUROCORR 2015 in Graz, Austria, were given in Appendix 4 of the Working Papers.

BoA Members were informed that during the meeting between EFC, represented by Prof. Damien Féron, Prof. Dr. Willi Meier and Dr. Roman Bender, and NACE, during the NACE CORROSION 2016 in Vancouver, Canada, on 6-10 March 2016, were discussed the possible ways of cooperation and future activities such as the EFC/NATO standardisation, and the event scheduled in Genoa organised by Prof. Stefano Trasatti.

It was agreed that most of the misunderstanding between NACE and EFC is due to a lack of communication between the two organisations. Both parties will do their best to improve this in the future.

It was also underlined that, despite the reciprocal agreement, no advertising on EUROCORR was published on the NACE website. During the BoA Meeting, it was noted that EUROCORR 2016 was finally announced.

The creation of a new award was also discussed: the “**Corrosion Hall of Fame**”.

This topic will be addressed during the next STAC meeting in Montpellier which will discuss on the opportunity to implement such a new award.

3-2 **WCO (*World Corrosion Organisation*)**

Prof. Dr. Willi Meier has been elected as Director General of the WCO, as successor of George Hays.

Prof. Dr. Willi Meier intends to develop actions on a global scale not covered by EFC and NACE such as sustainability, support to emergent countries.

He informed the BoA that ICC joined WCO as new member.

Prof. Damien Féron was approved by the BoA as the representative of the EFC at the Board of WCO.

A strategic Workshop of the WCO is scheduled before EUROCORR, probably in Frankfurt.

3-3 **ICC (*International Corrosion Council*)**

EFC/ICC collaboration is essentially focused on the organisation of the joint EUROCORR-ICC 2017, see Item 6-3. It was agreed to meet the ICC representatives during the next Eurocorr in Montpellier to discuss organisation details for the upcoming Eurocorr 2017.

3-4 **ACA (*Australasian Corrosion Association*)**

A meeting EFC/ACA was scheduled during EUROCORR in Graz, on Tuesday 8 September 2015 in order to reactivate the collaboration.

The Scientific Secretary, Dr. Roman Bender, met Mr. Wesley Fawaz during the NACE CORROSION 2016 in Vancouver, Canada, on 6-10 March 2016.

They discussed the collaboration on EFC-ACA joint courses in Europe.

The BoA agreed that Mr. Wesley Fawaz will be invited to participate at the next STAC meeting in Montpellier in order to identify possible collaboration(s) with the EFC Working Parties.

3-5 **MTI (*Materials Technology Institute*)**

Mr. Marcel Roche reported on the collaboration initiated between the EFC and the MTI, see **Appendix 6**.

The MTI is a member of WCO.

MTI is a sponsor of EUROCORR 2016 and will have a booth.

A meeting will be organised in Montpellier in order to discuss possible collaboration(s) between MTI and EFC.

3-6 **ABRACO**

The EFC President, Prof. Fátima Montemor, reported on the collaboration between the EFC and ABRACO, an International Member of EFC.

She is in contact with the President of ABRACO and a meeting is scheduled at the end of May during the INTERCORR Conference in Brazil.

3-7 *Relation between EFC and Middle East*

The EFC President, Prof. Fátima Montemor, reported on progress of the collaboration between EFC and Middle East.

The Memorandum of Understanding, which was discussed before EUROCORR 2015 and signed by the EFC President, has not been signed by the QNRF (Qatar National Research Fund). QNRF consider that, as they are a Funding Agency, they cannot have contract with an organisation which will later apply for funding.

Therefore, the EFC needs to identify a potential structure that can take over the collaboration between EFC and Middle East Countries.

The EFC President, Prof. Fátima Montemor, with Mr. Trevor Osborne, Prof. Dr. João Salvador, Dr. Jörg Vogelsang and Dr. Fouzia Hannour will participate in a workshop planned on April 24 and 25 in Doha, Qatar, to meet stakeholders with the objective to identifying a partner.

The EFC President, Prof. Fátima Montemor, will present progress on collaboration at the next BoA Meeting in Montpellier.

3-8 *Relation between EFC and Singapore*

Prof. Philippe Marcus has been approached by corrosionists in Singapore to be involved in the EFC activities.

A society in corrosion already exists in Singapore, but strongly related to NACE.

The possibility to create an EFC branch in Singapore was strongly supported by the EFC President and the BoA.

An action was placed on Prof. Philippe Marcus to pass on to Dr. Hélène Illaire the contact details of the persons in Singapore in order to inform them about the possible launching of a branch in Singapore.

Item 4 EFC Activities

4-1 *Report of the Scientific Secretary*

The Scientific Secretary, Dr. Roman Bender, presented his report covering activities since the last September BoA, meeting see Appendix 5 of the Working Papers.

The BoA approved the Scientific Secretary Report.

4-2 *Report of the Managing Officer*

The Managing Officer, Dr. Hélène Illaire, presented her report covering activities since the last September BoA meeting, see Appendix 6 of the Working Papers.

The BoA approved the Managing Officer Report.

4-3 *EFC Publications*

4-3.1 *EFC Book Series*

The EFC STAC Chairman, Dr. Arjan Mol, reported on the progress in the preparation of the EFC Book Series, see **Appendix 7**.

4-3.2 EFC Newsletter: Approval of a Call for Tenders and Possibility to introduce Advertisement(s)

Due to the expensive cost related to the EFC Newsletter, the Managing Officer, Dr. Hélène Illaire, presented proposals to reduce these costs and to find new possibilities of income(s) to cover partly this publication, see **Appendix 8**.

During the meeting, the BoA focussed the discussions on the principle of introducing publicity in the EFC Newsletters (electronic and printed versions). The BoA approved the proposal but some points need to be clarified such as:

- which entity will receive the orders and send the invoice;
- the format and the associated prices.

An action was placed on Dr. Hélène Illaire to prepare a proposal based on a study of an average of prices of the different possible formats.

A preliminary proposal will be discussed on the occasion of the next Strategic Meeting scheduled in Lisbon on 2nd and 3rd June.

4-3.3 Progress with items/articles for the Publication in the three EFC Journals

The Scientific Secretary, Dr. Roman Bender, reported on progress regarding the publications in the three partner Journals: “**Materials and Corrosion**”, “**Corrosion Engineering, Science and Technology (CST)**” and “**Matériaux et Techniques**”, see **Appendix 9**.

4-3.4 Progress on Printing-on Demand by External Parties of EUROCORR Proceedings

As requested, the Frankfurt Office implemented the publication rights from EUROCORR’s authors in order to take into account the possibility to publish the EUROCORR’s proceedings by a third party.

On the EUROCORR2016 website, a new section "Publishing Rights" has been introduced with the following text:

„The submitted abstract will be used for the reviewing process.

The full paper will be published in the proceedings of EUROCORR 2016 (USB flash drive). It will be also made available to the member societies of the EFC with one year delay in electronic form. The member societies are allowed to make the full paper available to their members in a restricted member area of their homepages. If no full paper is submitted, the accepted abstract will be used as a substitute.

With the submission of the abstract and full paper the author grants permission for the above listed publication in electronic form as well as for the reproduction of the EUROCORR 2016 proceedings in printed form.”

4-4 EFC Web Site

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

Login: **efc-boa**

Password: **Graz2015**

The Scientific Secretary, Dr. Roman Bender, presented the status on the latest improvements to the EFC Website including the status of the implementation of restricted areas on the web pages of the Working Parties, see **Appendix 10**.

Item 5 Financial Report

A detailed EFC Financial Report was given as Appendix 7 of the Working Papers.

The Honorary Treasurer, Mrs. Julija Bugajeva of IOM³, presented this EFC Financial Report, see the synthesis in **Appendix 11**.

BoA Members approved the Financial Report.

Item 6 EUROCORR Series: 2015 to 2019

6-1 EUROCORR 2015 - Graz (Austria) - Final Report

Mr. Gregor Mori reported on the final results of **EUROCORR 2015** in **Graz**, see **Appendix 12**.

EUROCORR 2015 was a great success and the BoA congratulated the organisers.

6-2 EUROCORR 2016 - Montpellier (France) - Progress with Arrangements

EUROCORR 2016 will be held on **11 to 15 September 2016** in **Montpellier**, France, at the Congress Centre, “Le Corum”. The general theme will be “**Advances in Linking Science and Engineering**”.

Prof. Philippe Marcus reported on the progress with arrangements for EUROCORR 2016, see **Appendix 13**.

6-3 EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements

EUROCORR 2017 will be held on **3 to 7 of September 2017** in **Prague**, Czech Republic, at the Prague Congress Centre, in conjunction with the 20th International Corrosion Congress. The general theme will be “**Corrosion Control for Safer Living**”.

In the absence of Dr. Milan Kouril, Dr. Thomas Prosek, AKI President, reported on the initial progress for EUROCORR 2017, see **Appendix 14**.

The BoA asked the organisers to follow the EUROCORR format for the scientific process and the scientific structure of the program.

1.300 participants are expected. It has been clarified that the Gala Dinner is included in the registration fees.

In order to give more visibility, the organisers intend to use SCOPUS, a service proposed by Elsevier which includes a simple peer reviewing process.

6-4 EUROCORR 2018 - Krakow (Poland) - Initial Progress Report

EUROCORR 2018 will be held on **9 to 13 of September 2018** in **Krakow**, Poland, at the Krakow Congress Centre, The general theme will be “**Applied Science with constant Awareness**”.

In the absence of representatives of the organisers a short report on the initial progress for EUROCORR 2018 was provided as Appendix 9 of the Working Papers.

6-5 EUROCORR 2019 - Bid(s) Presentation(s) and Selection of the Host

Three bid(s) for **EUROCORR 2019** had been received by the Frankfurt Office within the deadline of 11 January 2015, see Appendix 10, 11 and 12 of the Working papers.

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

- Dr. Jörg Vogelsang from Germany, Dechema - GfKORR;
- Prof. Alexander V. Muradov from Russia, Antikor;
- Prof. Paloma Fernández and Prof. Juan de Damborenea González from Spain, SOCIEMAT.

The EFC President, Prof. Fátima Montemor, thanked the presenters for coming and it was agreed that each would leave the room during the other's presentation. Following the presentations, a secret ballot was carried out by the voting members of the BoA.

The winner was **Spain's** bid from SOCIEMAT (Sociedad Espanola de Materiales), which will host **EUROCORR 2019** in **Sevilla**.

The dates of the **9th to 13th of September 2019** were proposed and the general theme has not been announced. **Appendix 15** contains the Spanish presentation.

The EFC President, Prof. Fátima Montemor, congratulated all the bidders for the excellent presentations and the winner for the future organisation of the Eurocorr 2019. Otherwise, the Spanish organisers have already been informed of a possible increase of the EUROCORR levy from 5 to 10 % in the coming years.

Item 7 EFC Events and Calendar of Events

BoA Members were reminded that the Calendar of Events is regularly updated on the EFC website by Dechema and also includes non EFC-sponsored events in an attempt to draw outside interest to the EFC as a central source of information on corrosion events throughout the world.

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

Item 8 Any other Business

None.

Item 9 Date and Place of next BoA

The next BoA meeting will be held in September 2016, in conjunction with EUROCORR 2016, in Montpellier, France, at a time and place to be announced later.

#

Action list from BoA meeting 8 April 2016

- Action 1:** To prepare the content of sponsorship packages to be presented at the next Strategic Meeting, scheduled in Lisbon at early of June, based on models of other federations or institutions (Dr. Hélène Illaire).
- Action 2:** To study the introduction of branches and/or individual members in the EFC Statutes (Prof. Dr. Joao Fernandes).
- Action 3:** To regularise the EFC accounting to the Belgian Authorities before the beginning of July (Prof. Dr. Willi Meier).
- Action 4:** To contact Ir. Antoine Pourbaix to make the appropriate action(s) in order to update the accesses to the EFC Bank Account (Prof. Dr. Willi Meier).
- Action 5:** To prepare the best scheme for the increase of the EUROCORR Levy. (Mrs. Julija Bugajeva).
- Action 6:** To involve representatives of the CEA in cooperation with the Managing Officer, Dr. Hélène Illaire, to realise an audit of the 3 EFC secretariats (Prof. Damien Féron).
- Action 7:** On the basis of the results of actions 4 and 5 described above and of the results of the BoA discussions and General Assembly decisions in September 2016, to formalise in a contract the tasks and services provided by the Offices (Dr. Hélène Illaire).
- Action 8:** To explore the possibilities of increasing the revenues associated with the Membership Fees (Prof. Dr. Joao Fernandes).
- Action 9:** BoA Members to send comments and/or remarks by e-mail to Prof. Fátima Montemor regarding the updated Strategic Plan, not later than 15 May 2016.
- Action 10:** To present the proposals of the Award Task Force to the STAC members in Montpellier (Dr. Arjan Mol).
- Action 11:** To prepare a proposal of implementation of the EFC and Cavallaro awards rules (Dr. Hélène Illaire).
- Action 12:** To prepare a proposal of a “branch” membership form, in collaboration with the Frankfurt and the UK Offices (Dr. Hélène Illaire).
- Action 13:** To pass on to Dr Hélène Illaire the contact details of the persons in Singapore (Prof. Philippe Marcus).
- Action 14:** To inform the persons in Singapore about the possible launching of a branch in Singapore (Dr. Hélène Illaire).
- Action 15:** To prepare a proposal of prices for the format and prices of publicity in the EFC Newsletter, based on a study of an average of prices of the different possible formats (Dr. Hélène Illaire).

APPENDICES

EFC Membership Benefits - Overview



AFFILIATE MEMBERS VS. SOCIETY MEMBERS BENEFITS

Hélène Illaire – 8 April 2016

Affiliate membership

- **BoA minutes, Paris 2009:**
- *6-1.2 Proposed EFC Affiliate Category*
- The creation of a new category of membership entitled "EFC Affiliates" was proposed. This would be part of a new effort to increase the involvement of Universities, Research Centres and Industries in the EFC activities.
- Appendices 7 and 8 provide the proposed agreements prepared by Paul McIntyre and Philippe Marcus, and revised during the meeting, for Companies and for Universities and Research Organisations, respectively.



EFC Membership Benefits - Overview (Continued)

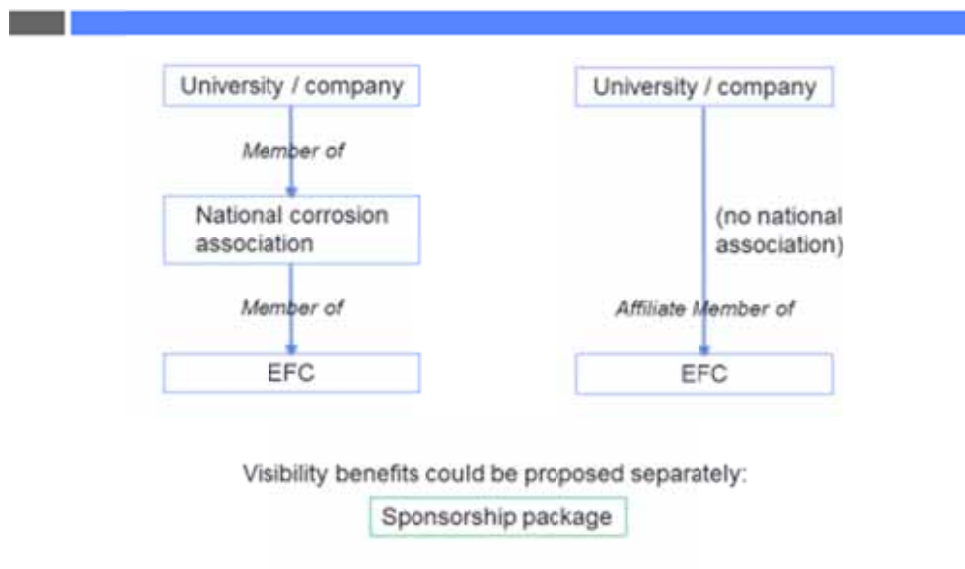
Benefits: Member Society vs. Affiliate Member

Individual members of Member Societies	Affiliate Members
Discounts:	
Reduced registration fees at EUROCORR	Reduced registration fees at EUROCORR for ALL employees
Reduced fee to all EFC-sponsored events	
30% discount on EFC publications	30% discount on EFC publications
Discount on conferences and publications of other MS (EFC Membership card)	
Access to scientific content and scientific networks	
"Access to WP for free is guaranteed"	"Participation to WP as of right"
Possibility to be Chairman, Vice-Chairman or Secretary of a WP	
Access to EFC administrative bodies	
Eligibility for being EFC President, Vice-President or Treasurer	
Possibility to be member of the BoA and of the GA, with full voting rights	Possibility to participate to the GA as non-voting members
Awards	
Eligibility for the Honorary Fellow prize	
Visibility	
	Discount on EFC booth at EUROCORR
	Corrosion-related events on EFC website and EFC newsletter
	Free promotional write-up of corrosion related events in EFC newsletter
Courses and events with EFC endorsement and logo	Courses with EFC endorsement and logo

Potential difficulties

- Competition between EFC and national Member Societies
- Affiliate membership in countries where there is no Member Society
- What is the nature of Affiliate Membership: access to scientific network or sponsoring?
 - Sponsoring could be proposed separated from membership

EFC Membership Benefits - Overview (Continued)



Sponsorship package

Already existing (included in the benefits of the current Affiliate Membership):

- Discount on exhibition booths at annual EUROCORR conferences (of approx. 20%)
- List their corrosion-related events on EFC website and EFC Newsletter
- Free promotional write-up of their corrosion related events in EFC Newsletters

Other possibilities:

- Logo on the EFC website
- Possibility to advertise on the EFC newsletter
- ? Discount on advertisement on EFC Journals (subject to acceptance by the journals)
- Permission to use EFC logo on promotional material
- Priority on sponsoring opportunities at EUROCORR congresses
- Acknowledgements during EUROCORR inaugural speeches

EFC Membership Benefits - Overview (Continued)

UNIVERSITIES AND RESEARCH ORGANISATIONS	
	National Institute for Nuclear Science and Technology (INSTN) CEA - Centre d'Etudes de Saclay 91191 Gif-sur-Yvette, France Website: www.instn.cea.fr
	Department of Electrochemistry, Corrosion and Materials Engineering Technical University of Odsak 11/12 Narutowicza 80-952 Odsak, Poland
	All-Russian Scientific-Research Institute of Aviation Materials (FSUE "VAM") 17 Radio Street 125035 Moscow, Russia
COMPANIES	
	Cerfikon Netze-Europe GmbH Sprenstasse 2 65451 Kallertbach, Germany Website: www.cerfikon.com/netze
	STORAG S.V. P.O. Box 285 9530 AG Stadskanaal, The Netherlands
	Water Technologies Laboratory Ltd. Ul. Zastavskaya 14A 190064 St. Petersburg, Russia
	Event Production s.r.o./Fleming Europe Mlynská 71 621 08 Brno, Czech Republic Website: www.flemingeurope.com/

EFC subscription to the FAIB

EFC SUBSCRIPTION TO THE FAIB

H. Illaire – 8 March 2016 – BoA Paris

FAIB - Presentation

- FAIB: Federation of European and International Associations established in Belgium.
- Website: www.faib.org
- “Our mission is to support **International European International** Associations in Belgium in every possible way.”



EFC subscription to the FAIB (Continued)

FAIB – Practical guide

- Practical Guide
- Together with our [Associate members](#), we offer members a comprehensive guide to set up and operate a (international) not for profit association in Belgium.
- [1. Law of June 27, 1921, regarding the non-profit associations, the international non-profit Associations and the Foundations](#)
 - [1.1. Law of June 27, 1921\(art.53 §5\) - Modification of the size criteria for INPAs](#)
 - [1.2. Law of June 27, 1921 \(art.51\) - Modification of the publication formalities & \(Art.53\)](#)
- [2. Necessity of a royal decree and a notarial deed throughout the existence of an International Non- profit association](#)
- [3. Comparison table INPA/NPA 4. The Legal Status of International Associations in Belgium](#)
- [5. Statuts types pour associations internationales sans but lucratif](#)
- [6. Appointment of Directors – Important new requirements imposed by the Commercial Court of Brussels](#)
- [7. Employing personnel in Belgium](#)
- [8. INPA - Modifications to the Board of Directors and Modifications of Statutes. Procedure to follow on the internet](#)
- [AISBL – Modification du Conseil d'administration et modification des Statuts. Procédure à suivre sur l'internet.](#)
- [9. Tax Regime of International Non-Profit Associations in Belgium](#)
- [10. The revenues and assets of International Associations in Belgium](#)
- [11. Gifts and legacies to international associations: inheritance and gift taxes](#)
- 12. International NPA and VAT: What is the impact (To be updated)
- 13. Modus Operandi “Du droit de vote par correspondance ou par tout autre moyen de communication électronique”. (To be updated)
- 14. Associations Internationales & TVA – nouvelle circulaire - Toutes les décisions individuelles sont abrogées. (Currently updated by VAT Desk.)
- 15. Circulaire nr E.T.121.844 (AGFisc nr 1/2012), Administration générale de la fiscalité (Currently updated by VAT Desk)
- [16. European Union : the European Transparency Register \(ETR\) Policy](#)
- [17. International NPO- New Transparency Register- A new area of dispute with VAT Authorities](#)
- [Associations Internationales & TVA- Le nouveau Registre des lobbyistes Vers un nouveau contentieux avec l'administration de la TVA ?](#)

**Repartition of the Tasks between the 3 EFC Secretariats
and Current Financial Compensations**

Tasks	Paris Office (time spent in 2015)
Finances	
EFC Books	
Membership matters	
Web site	
Committee matters (BoA, GA)	+ (120 h)
PAC, SG	+ (60 h)
EFC Awards	+ (30 h)
Day to day secretariat	+ (40 h)
Coordination of offices	
Development of EFC and Eurocorr's	
Liaisons with other organisations	
Public relations	
Total of time spent	250 h (against 80 h at the beginning...)
Costs (excluding travel expenses)	€ 4000

Proposal for 2016

Tasks	Frankfurt Office	Paris Office	London Office	Managing Officer	Scientific Secretary
Finances			+		
EFC Books					+
Membership matters	+ (administrative)			+ (new members)	
Web site	+				
Committee matters (BoA, GA)		+ (120 h for PBB)			
PAC, SG				+ (60 h)	
EFC Awards		+ (10 h for PBB)		+ (20 h)	
Day to day secretariat		+ (10 h for PBB)		+ (30 h)	
Coordination of offices				+	
Development of EFC and Eurocorr's				+	
Liaisons with other organisations				+	
Public relations				+	
Total		140 h for PBB			
Costs (excluding travel expenses)		€ 10 000 including € 7560 for PBB			

**Repartition of the Tasks between the 3 EFC Secretariats
and Current Financial Compensations (Continued)**



DECHEMA activities for EFC

EFC Office (I. Honndorf, D. Glänzer)	Average time/week
• Communication with other EFC Offices (J. Bugajeva, J. Yates, P. Bridou Buffet, H. Illaire) • Communication with NACE, WCO and other organisations, e.g. preparation of MOUs	2 hrs
Membership matters • Confirmation letters to new members, expelled members • Maintenance of membership lists and website • Other regular communication with Member Societies and Affiliate Members (EFC questionnaire, etc.) • Cooperation with London office on finances in order to check good standing of members	1 h
Committee matters • Participation in GA, BoA, STAC, SGM, PAC meetings (as required) • Board of Administrators / General Assembly - Presentation of membership matters - Organisation of elections of President / Vice-President, BoA and STAC members, confirmation letters to elected members - Other issues related to the agenda: registered office in Belgium, PO Box address communication & invoices • Support of the Scientific Secretary • Participation in and support of EFC Task Forces (e.g. the Task Force on Exhibitions)	3-4 hrs
EUROCORR • Preparation and circulation of calls for bids for EUROCORR; information to potential bidders • Preparation of the <i>Agreement on Hosting and Organisation of EUROCORR</i> in cooperation with the host and EFC President • Manning of EFC booth at EUROCORR • EUROCORR trademark application and surveillance • Copyright issues and response to requests for copies of abstracts / full papers of past EUROCORRs	1 h

**Repartition of the Tasks between the 3 EFC Secretariats
and Current Financial Compensations (Continued)**

Newsletters and PR activities, incl. EFC website • Official EFC Website: regular updates of website pages especially the Calendar of Events, Awards web pages, committee pages; preparation und publication of pdf forms; guidance to external users, etc. • Restricted websites for the various EFC Committees and for the EFC Offices: setting-up and regular updates • PR activities - Preparation and update of EFC flyer, Roll-up, occasional special newsletters, etc. - Final preparation, layout, composition, proof-reading and distribution of the e-newsletter(s) and the printed EFC newsletter, including preparation of updated lists of Working Party Chairs, publications, and events.	4 hrs
Maintenance and continuous updates of EFC Database • Member Societies and Affiliate Members • EUROCORN participants and exhibitors • Working Party members/delegates, Friends of the EFC, and further online applications for participation in EFC (Info request)	2 hrs
EFC Awards • Provision of the European Corrosion Medal • Preparation of certificate for the EFC Poster Award • Preparation of certificate for the Honorary Fellowship and, in 2015, preparation of web page, application form and support in the preparation of the rules	1 h

**Repartition of the Tasks between the 3 EFC Secretariats
and Current Financial Compensations (Continued)**

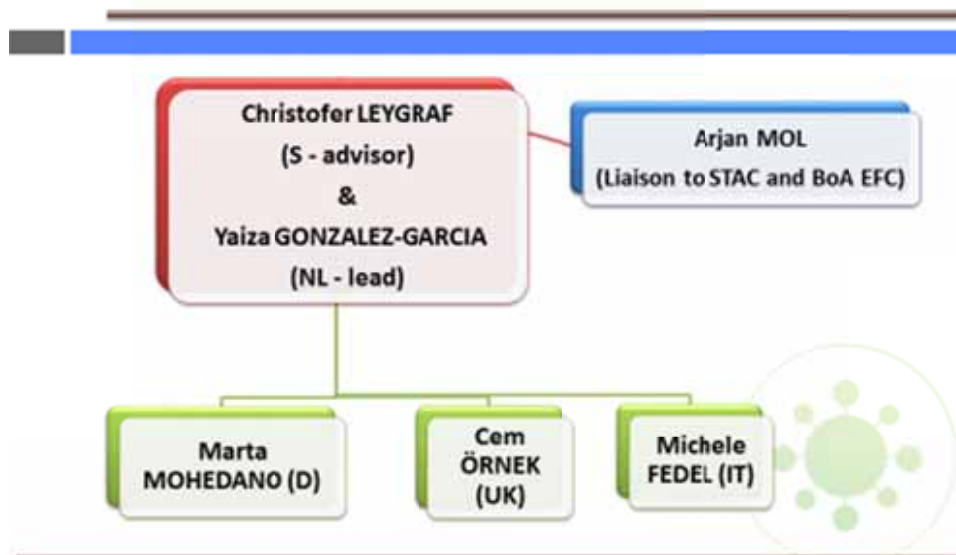
France/€	Germany/€	UK/€	Sums/€
Old:	Old:	Old:	
2.000 Travelling	5.000 Web	0	
4.000 Secretariat	10.000 Newsletters		
6.000 Sum	15.000 Sum		
-----	-----	-----	
New:	New:	New:	
12.000	26.075	6.000	44.075
22.000 Real Cost	90.000 Real Cost	12.000 Real Cost	124.000

Task Force Award: Strategic Action Plan and Progress of the Activities

YOUNG EFC

– April 2016

Young EFC Core Team



Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Previous Meeting (PAC January 2016)

- EFC to embrace Young Scientists/Professionals (under 35 yr old)
- Mission to establish a community to promote corrosion science and engineering in Europe and the rest of the world
 - Promote corrosion science and engineering among young scientists
 - Strengthen the relationship/dialogue between young scientist and senior experts
 - Organize activities and trainings for career and personal development of young EFC members



Previous Meeting (PAC January 2016)

Objective & Actions 2016

- **Make EFC Young public**
- **Survey the opinion of the Young-Community**
 - Send questionnaire to young community of EUROCORR
 - Help from EFC to obtain contact information
 - Analysis of the questionnaire and make strategy / plans for activities
- **Organize a meeting at the EUROCORR 2016**
 - Information desk or booth



Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Progress

- ☐ Logo
- ☐ Preparation of the online version of the questionnaire
- ☐ Submission of the questionnaire to young Eurocorr community
- ☐ Ongoing organization of the Young EFC meeting during Eurocorr 2016
- ☐ Discussion



Logo



Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Questionnaire I



- Received positive feedback from EFC President Prof. Montemor and Scientific Secretary Dr. Bender
- Preparation online version of the survey
<https://surveyplanet.com/5700f23ec05c3c071b3c5174>
- Submission via mail to young community mid April

Questionnaire II



- Analysis of responses in June 2016
- Preparation of report with the main conclusions from the survey before Eurocorr
- The results will help to prepare the agenda for the meeting in Eurocorr

Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Meeting Eurocorr 2016



☐ Advertisement of the meeting

- Preparation of banner and flyers
- Booth / meeting point during the Eurocorr located close to the Poster area
- Announcement of the Young EFC meeting during the Graduate course Corrosion (Leygraf et al) before Eurocorr
- Introduction of the Young EFC and announcing the meeting during opening of the conference

Meeting Eurocorr 2016



☐ Agenda of the meeting

- Introduce Young EFC motivation
- Short presentation of Senior member
- Discussion
- ...
- Find new delegates for the organization

The agenda will be finalized after analyzing the results of the questionnaire

Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Meeting Eurocorr 2016

□ Format of the meeting

- Meeting after afternoon sessions
- 1-1.5h duration
- No colloquium format but interactive
- Open to everyone
- Moderators of discussion (chair-persons): 1 Senior + 1 Young researcher

Discussion / feedback

- Logo
- Mention the Young EFC on the EFC website
- Prepare separate section in the EFC website
- Advertise the meeting at Eurocorr 2016
- Meeting room for Young EFC Meeting at Eurocor2016
- Meeting point for Young EFC at Eurocorr2016
- Costs for banner and flyer preparation
- Other possible points of attention or opportunities:
 - e.g. involvement of WP7
 - advertisement of career opportunities/job (PhD/postdoc) openings on EFC website
 - ...

Task Force Award: Strategic Action Plan and Progress of the Activities (Continued)

Thank you for your attention



- Dr. Yaiza Gonzalez-Garcia (NL)
- Prof. Christofer Leygraf (SE)
- Dr. Marta Mohedano (D)
- Dr. Cem Ornek (UK)
- Dr. Michele Fedel (IT)

Strategic Plan for Reactivation of Working Party 7 on Education



CORROSION EDUCATION POTENTIAL AND PERSPECTIVES

A. Mol, D. Zander, S. Trasatti – 8th of April 2016

Corrosion Education - Present



Academics

- Most of the European Universities offer basic corrosion courses within their national materials, mechanical or chemical engineering and chemistry degree programs.
- Majoring in Corrosion Engineering etc. is only possible in a few international programs and countries worldwide, mainly UK, Germany, USA, Australia, Malaysia.



Strategic Plan for Reactivation of Working Party 7 on Education (Continued)

Corrosion Education - Present



Industry

- Mostly basic and advanced corrosion courses are offered by European Research Organizations as national offers.
- Only few international basic and advanced corrosion courses are offered for key industries.

⇒ Updated information on courses on corrosion in Europe addressing academics and industry separately will be provided on the EFC Homepage shortly by WP7.



Corrosion Education - Needs

- **Academics:** Lack of advanced education in corrosion and materials protection in university curricula.
- **Industry:** Increasing request for specific competence and expertise in this professional discipline.
- **Academics and Industry:** Improvement of the corrosion education from national towards international activities



Strategic Plan for Reactivation of Working Party 7 on Education (Continued)

Corrosion Education - Aims

Medium and Long Term **Challenges/ Aims** for WP7:

- **Academics:** Channelization of information on academic corrosion courses and provision of attractive young scientist programs / initiatives
- **Industry:** Providing information and/or organization of training and courses for industrial partners
- **Academics and Industry:** Building up an informative Webpage / online / download platform



Corrosion Education: Realization

Academics

WP7 as a **connector** between universities, research organizations and students / young scientists by supporting, initiating and/or conducting:

- Exchange programs for B.Sc./M.Sc. students between universities
- Young Scientist Summer Schools
- Young Scientist Awards / Young Scientist Grants
- Offers for Students / Young Scientists on e.g. conferences: Meet the Experts, Speed-Dating, Board for Job Offer, Student Session, Corrosion Slam etc.



Strategic Plan for Reactivation of Working Party 7 on Education (Continued)

Corrosion Education: Realization

Industry

WP7 as a **connector** between industry partners, academics, research organizations and EFC-WPs by supporting, initiating and/or conducting:

- Individual training programs devoted to key industry-specific subjects (On/Off-Site Training)
- E-learning: Webinar Series, Online Training

⇒ Development and Discussion of an “**EFC Corrosion Education FUTURE**” program is planned at the WP7 meeting on the EUROCORR 2016.



Collaboration initiated between the EFC and the MTI (Materials Technology Institute)

COLLABORATION BETWEEN EFC AND THE MTI (MATERIALS TECHNOLOGY INSTITUTE)

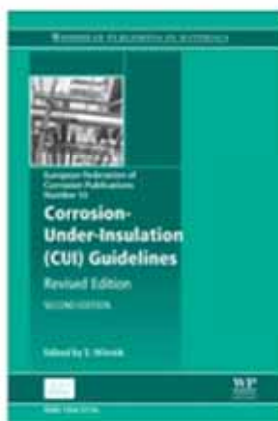
M. Roche – April 8, 2016

Collaboration EFC and MTI

- Patrice Houlle, retired from Haines alloys and familiar with the past Eurocorr's and exhibitions, is MTI European Associate Director since end 2014
- **MTI has taken a booth at the Eurocorr 2016**
Exhibition with specific conditions for starting a partnership (reduced price against communication on the various supports of MTI – web site, newsletter,...-)
- A meeting has to be scheduled during EUROCORR 2016 to fine tune the details of future cooperation
- **Which date and hour to propose?**

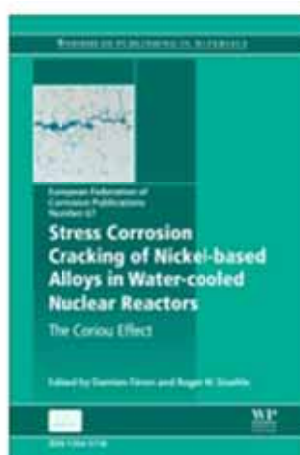


EFC Book Series



No. of pages: 162
 Copyright: © 2016
 Published: 27th November 2015
 Imprint: Woodhead Publishing
 Print ISBN: 978-0-08-100714-3
 Electronic ISBN: 978-0-08-100739-6

The original document first published and prepared by WP13 and WP15 in 2008 was very successful and provided an important resource in the continuing battle to mitigate CUI. Many members of the EFC corrosion community requested an update and this has taken between 18-24 months to do so. Hopefully this revised document will continue to serve the community providing a practical source of information on how to monitor and manage insulated systems.



Editor(s) : Feron & Staehle
 Release Date: 17 Feb 2016
 Imprint: Woodhead Publishing
 Print Book ISBN : 9780081000496
 Pages: 384
 Dimensions: 229 X 152

This comprehensive book reviews the mechanisms of stress corrosion cracking (SCC) in nickel alloys used in water-cooled nuclear reactors

**Proposals to reduce Costs and to find new Possibilities of Income(s)
to cover partly EFC Newsletter Publication**



EFC NEWSLETTER PUBLICATION

H. Illaire – 8 March 2016 – BoA Paris

Call for tenders – paper issue

Including:

- ? the collecting of material (list of WP chairs, EFC event list, new publications... and advertisements)
- the processing of text (provided in word format) and photos
- the layout of text, photos, and advertisements
- the printing,
- the delivery (to EFC Member Societies and EUROCORR organisers)

Paper issue:

- To be distributed at the occasion of EUROCORR. EUROCORR 2016 takes place on 11-15 September 2016.
- Average number of pages: 36-40 (pages number is a multiply of 4)
- Number of copies: 1200
- Folded format: 21x29,7 cm (A4), opened format: 42x29,7 cm (A3)
- Sewed twice
- Print quality: duplex four-color printing
- Paper quality: matt coated paper, 80 g/m²



**Proposals to reduce Costs and to find new Possibilities of Income(s)
to cover partly EFC Newsletter Publication (Continued)**

Call for tenders – paper issue (cont.)

Please indicate:

- the cost of the processing and layout
- the cost of the printing
- the cost of additional 100 copies
- the cost of additional 4 pages
- the cost of delivery

Electronic issue



Emailing programme is necessary because:

- It helps to avoid spam rejection
- Unsubscribe option is a legal requirement

**Proposals to reduce Costs and to find new Possibilities of Income(s)
to cover partly EFC Newsletter Publication (Continued)**

EFC Newsletter - advertisement

- **Readership**
 - Corrosion experts
 - 40% Industry
 - 60 % R&D
- **Circulation**
 - 80% Europe
 - 20% ROW
- Printed version: 1200 copies per issue
- Electronic version: about 5600 recipients

EFC Newsletter - advertisement

- Printed version: 1200 copies per issue

Type	Size (W x H) in mm	Price (VAT excluded)
Backcover		1200 €
Inside backcover		1100 €
Inside frontcover		1000 €
Full page		900 €
1/2 page		850 €
1/3 page		750 €

**Proposals to reduce Costs and to find new Possibilities of Income(s)
to cover partly EFC Newsletter Publication (Continued)**

EFC Newsletter - advertisement

- Electronic version: about 5600 recipients

Type	Size (W x H) in pixels	1 issue	2 issues
Small button		250 €	450 €
Large button		300 €	550 €

Progress in the Publication in the EFC Journals

Materials and Corrosion



Materials and Corrosion



Progress in the Publication in the EFC Journals (Continued)

Materials and Corrosion

Materials and Corrosion 2016, 21, No. 2

Calendar of Events

April 2016 7. - 8.4. 2nd Symposium	4th International Technology Transfer Days Bonn/Paris 2016	European Society of Corrosion Meeting Hamburg Germany
27.4. 2nd Symposium	"High Temperature Hydrogen Attack" Bonn/Paris EFC Event No. 409	2nd European Hydrogen Technology Conference Bonn/Paris 2016
May 2016 5. - 6.5. 2nd Symposium	Corrosion-EFC	2nd European Hydrogen Technology Conference Bonn/Paris 2016
6. - 12.5. 2nd Symposium	LYCADA EFC Event No. 408	2nd European Hydrogen Technology Conference Bonn/Paris 2016
6. - 12.5. 2nd Symposium	ACHERASIN 2016	2nd European Hydrogen Technology Conference Bonn/Paris 2016
15. - 18.5. 2nd Symposium	UTCPB 2016 - 5th International Symposium on High Temperature Corrosion and Protection of Materials EFC Event No. 405	2nd European Hydrogen Technology Conference Bonn/Paris 2016

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EFC

Corrosion Engineering, Science and Technology

Corrosion Engineering, Science and Technology The International Journal of Corrosion Protection and Corrosion Engineering Volume 1, Number 1 1st Symposium 1st Symposium	Conference Report Application of Electrochemical Techniques to Organic Coatings S. J. Allen The application of electrochemical techniques to organic coatings is a well-established field of research. This report describes the results of a series of experiments carried out at the University of Manchester, UK, in collaboration with the University of Liverpool, UK. The experiments were carried out using a range of electrochemical techniques, including cyclic voltammetry, chronoamperometry, and electrochemical impedance spectroscopy. The results of the experiments are discussed in detail, and the implications for the development of new organic coatings are outlined. 1st Symposium 1st Symposium
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EFC

Latest Improvements to the EFC Website

Website



Website



EUROPEAN FEDERATION OF CORROSION
Treasurer's report to the Board of Administrators - April 2016

DRAFT RESULTS FOR 2015

	2015 BUDGET	2015 RESULTS	2014 RESULTS
Total income	80,000	80,089	101,331
Total expenditure	(66,925)	(56,720)	(56,019)
Surplus	13,075	23,369	45,312
Opening reserves	243,822	243,822	198,510
Closing reserves	256,897	267,191	243,822



2015 SUBSCRIPTIONS

- Total €60,716 collected during the year
- 35 societies paid fees on time
- 2 societies resigned from membership
- 1 society temporarily suspended
- 2 societies still not paid and are being chased



EUROCORR 2015 - Graz (Austria) - Final Report



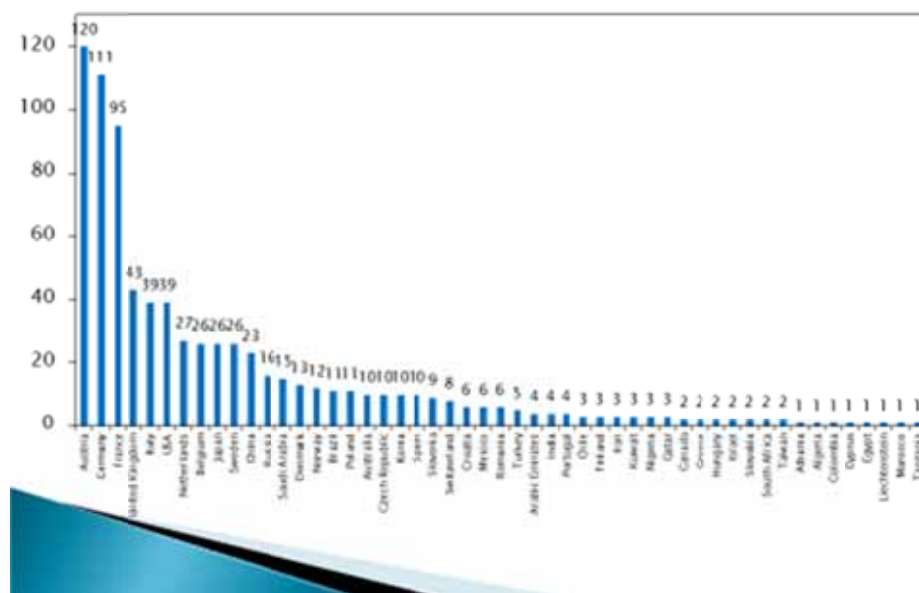
About EUROCORR 2015:

- ▶ 805 participants from 51 countries
 - Registration fees € 472,620.-, EFC levy 23,631.-
- ▶ 38 exhibitors
- ▶ 10 sponsors
- ▶ 368 presentations (8 – 9 – 8 – 7 parallel sessions, 4 no shows)
- ▶ 4 plenary lectures
- ▶ 119 posters
- ▶ 1 classical concert
- ▶ welcome party, gala dinner, poster party
- ▶ Lunches, coffee breaks included



EUROCORR 2015 - Graz (Austria) - Final Report (Continued)

Participants by countries



Additional courses/meetings:

► Graduate course by C. Leygraf

<i>Date/Time</i>	<i>Lecturer</i>	<i>Topic</i>
<u>Sept 4, 2015:</u>		
9.15-11	C. Leygraf:	<i>Introduction, Repetition of Basic Concepts</i>
11.15-12	J. Pan	<i>Thin Oxide Film Formation</i>
13.15-15	J. Pan	<i>Passivity</i>
15.15-17	C. Leygraf	<i>Atmospheric Corrosion</i>
<u>Sept 5, 2015:</u>		
9.15-11	R. Pettersson	<i>Pitting/crevice Corrosion</i>
11.15-12	R. Pettersson	<i>Stress Corrosion Cracking and Hydrogen Embrittlement</i>
13.15-15	D. Thierry:	<i>Corrosion Protection by Organic and Inorganic Coatings</i>
15.15-17	C. Duret	<i>Corrosion in Oil and Gas. Case studies</i>
<u>Sept 6, 2015:</u>		
9.15-12	P. Szakalos:	<i>High temperature corrosion</i>
13.15-15	J. Tidblad	<i>Corrosion Testing</i>

► ISO 15156 meeting by G. Schmitt

EUROCORR 2015 - Graz (Austria) - Final Report (Continued)



EUROCORR 2016 - Montpellier (France) - Progress with Arrangements

EFC BoA meeting, Paris, 8 April 2016



EUROCORR 2016 in Montpellier France 11-15 September 2016

Status presentation to the EFC Board of Administrators

Presenter: Philippe Marcus, Chair of EUROCORR 2016

Organisers: CEFACOR and Chimie ParisTech

**EUROCORR 2016 will focus
on « Advances in Linking Science to Engineering »**

The recent history of EUROCORR

EUROCORR 2007, Freiburg, Germany (9-13 September 2007)
 EUROCORR 2008, Edinburgh, UK (7-11 September 2008)
 EUROCORR 2009, Nice, France (6-10 September 2009)
 EUROCORR 2010, Moscow, Russia (13-17 September 2010)
 EUROCORR 2011, Stockholm, Sweden (4-8 September 2011)
 EUROCORR 2012, Istanbul, Turkey (9-13 September 2012)
 EUROCORR 2013, Estoril, Portugal (1-5 September 2013)
 EUROCORR 2014, Pisa, Italy (8-12 September 2014)
 EUROCORR 2015, Graz, Austria (6-10 September 2015)

EUROCORR 2016, Montpellier, France (11-15 September 2016)

EUROCORR 2016 - Montpellier (France) - Progress with Arrangements (Continued)

The CORUM

In the heart of the city centre, at walking distance of the majors hotels, Le CORUM, Convention Centre, offers ideal premium facilities for organizing prestigious events such as the EUROCORR Conference

3 auditoriums:

- Berlioz - 2,000 seats
- Pasteur - 745 seats
- Einstein - 318 seats



Modular spaces up to:

- 24 meeting rooms and offices from 30 to 200 seats
- 6,000 m² exhibition area
- A dining area with a capacity of 1 000 pax
- Most of spaces with natural lighting

Underground car parks nearby: 1847lots

A Sustainable Venue

ENJOY Montpellier is committed to

- Protect the environment
- Encourage Social responsibility
- Develop Sustainable economy

Numerous european and International references

- XIIIth World Water Congress 2008
- Human Genome Meeting 2010
- EUROMAT 2011

... and MATERIAUX in 2014



Easy Access



BY AIR

Montpellier Méditerranée International Airport

- 15 minutes away (by car) from/to the City Centre
- Shuttle bus service & taxis

Direct flights:

Amsterdam, Brussels, Copenhagen, Frankfurt, London, Madrid

Direct flights from 4 international hubs:

- 2 hubs in France: Paris & Lyon
- 2 hubs in Europe: Amsterdam; Madrid

Paris-Montpellier (1h flight, 15 flights per day)

BY CAR

2 main highway axes

- North/South
- East/West

BY TRAIN

- Montpellier Saint-Roch TGV Station
- 7 minutes away from the Corum
- International connexions to Barcelona, Geneva, Brussels
- Paris-Montpellier (Highspeed Train 3H15, 11 trains per day)

PUBLIC TRANSPORTATION

TRAMWAY

- The Longest Tramway Network of France
- 4 lines

TRANSPORTATION PASS (2€/day)

Combining Parking, Tramway, Buses, Trains and Bicycles

EUROCORR 2016 - Montpellier (France) - Progress with Arrangements (Continued)

Where to stay in Montpellier

HOTELS	Category	Capacity	Price Range*
			single / double
> 20	* economic	1383	60 / 90 €
> 10	residences	961	70 / 120 €
> 20	**	2049	90 / 130 €
> 30	***	1887	120 / 150 €
6	****	826	150 / 250 €
total		7106	
> 6	Student Residences Rooms	7478	100 / 150€ per week



Registration Fees

	Early registration (until 27 May 2016)	Late registration (from 28 May 2016)
EFC Members*	700 €	800 €
Non-members	790 €	890 €
Students	300 €	380 €
One-day ticket	360 €	400 €

EUROCORR 2016 - Montpellier (France) - Progress with Arrangements (Continued)

Conference dinner

On Wednesday, 14 September 2016

Abbaye de Valmagne

- 35' from Le CORUM
- Cloister (aperitif) and Church (dinner)



Topics:

- Corrosion and Scale Inhibition
- Corrosion by Hot Gases and Combustion Products
- Nuclear Corrosion
- Environment Sensitive Fracture
- Corrosion Mechanisms, Methods and Modelling
- Corrosion Education
- Marine Corrosion
- Microbial Corrosion
- Corrosion of Steel in Concrete
- Corrosion in Oil & Gas Production
- Coatings
- Coatings for High Temperatures
- Corrosion in the Refinery Industry
- Cathodic Protection
- Cathodic Protection in Marine Environment
- Cathodic Protection of Steel in Concrete
- Automotive Corrosion
- Tribocorrosion
- Corrosion of Polymer Materials
- Polymer and Composite Materials in Refinery, Petrochemical and Chemical Industries
- Corrosion & Corrosion Protection of Drinking Water Systems
- Corrosion of Archaeological and Historical Artefacts
- Corrosion Control in Aerospace
- Accelerated Corrosion Testing, Science - Lab & Field
- Advanced Analytical Methods for Corrosion Research
- Corrosion and Protection of Magnesium Alloys
- Corrosion Issues for Renewable Energies
- Corrosion Reliability of Electronics Devices and Materials
- Improving Corrosion Control of Ships
- CO₂ Corrosion in Industrial Capture, Transportation and Utilization Applications

EUROCORR 2016 - Montpellier (France) - Progress with Arrangements (Continued)**EUROCORR 2016**

Number of abstracts submitted : 820

Countries represented: 52

Major contributions:

- France: 173
- Germany: 81
- UK: 53
- Japan: 33
- Italy: 32
- China: 28
- Norway: 23
- USA: 21
- Netherlands: 21
- Belgium: 21

Number of oral presentations: 642

Number of parallel sessions: 11

EUROCORR 2016

Number of exhibitors (as of 8 April 2016) : 38

Sponsors: see website

Expected number of participants: over 900

Expected levy for EFC: 25000 €

Paris - 08/04/2016

EFC

[illegible]

EUROCORR 2016 - Montpellier (France) - Progress with Arrangements (Continued)

**We look forward to seeing you in
Montpellier for a fruitful conference
and an exciting time**



EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements



EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements
(Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



History....

Milan – March, 2014



Jeju – November, 2014



Our vision of the joint EUROCORR 2017 and 20th ICC
Unique opportunity for global corrosion community

... preserving identity and visibility of both the events

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



History....

Milan – March, 2014



Jeju – November, 2014



Our vision of the joint EUROCORR 2017 and 20th ICC
Unique opportunity for global corrosion community

... preserving identity and visibility of both the events
...following the by laws of ICC and EFC

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements
(Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Inviting societies...



... and Professional Congress Organizer



Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Organization structure...

Congress Officers:

- President – Tomáš Prošek (President of AKI)
- Vice-presidents
 - Fátima Montemor (EFC President)
 - Carlos Arroyave (ICC President)
 - Arjan Mol (EFC STAC chairman)
 - Günter Schmitt (ICC Vice-president)

International Scientific Committee:

- EFC working parties leaders + 8 STAC members
- Up to 15 members approved by ICC

Local Organizing Committee:

- Representatives of Czech and Slovak corrosionists

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements (Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress Prague, Czech Republic



Schedule...

Sunday Sept. 3	Monday Sept. 4	Tuesday Sept. 5	Wednesday Sept. 6	Thursday Sept. 7
	8:00... registration	8:00... registration	8:00... registration	8:00... registration
	8:45-9:00 opening ceremony			8:45-9:00 farewell
9:00-11:00 EFC STAC meeting	9:00-9:40 Plenary	9:00-9:40 Plenary	9:00-9:40 Plenary	9:00-9:40 Plenary
14:00-16:00 ICC Executive meeting	coffee break	coffee break	coffee break	coffee break
14:00-18:00 EFC BoA meeting	10:00-12:00 sessions (6x 20min)	10:00-12:00 sessions (6x 20min)	10:00-12:00 sessions (6x 20min)	10:00-12:00 sessions (6x 20min)
16:30-18:00 ICC Council Meeting-I				
	lunch	lunch	lunch	lunch
	13:10-15:10 sessions (6x 20min)	13:10-15:10 sessions (6x 20min)	13:10-15:10 sessions (6x 20min)	13:10-15:10 sessions (6x 20min)
16:00-20:00 Registration	coffee break	coffee break	coffee break	coffee break
	15:30-17:30 sessions (6x 20min)	15:30-17:30 sessions (6x 20min)	15:30-17:30 sessions (6x 20min)	15:30-16:30 sessions (3x 20min)
19:00... Welcome Party	17:40-19:00 ICC General Assembly	17:00-18:30 ICC Council Meeting-II	19:00... Gala Dinner	
	19:00... Students Party	19:00... Poster Party		
	19:30... Presidential Dinner			

Joint EUROCORR 2017 & 20th International Corrosion Congress Prague, Czech Republic



Sessions and paper selection

EFC sessions	ICC sessions
Corrosion and Scale Inhibition	Corrosion Inhibitors
Corrosion by Hot Gases and Combustion Products	Atmospheric corrosion
Nuclear Corrosion	Corrosion Problems and Protection Methods in Nuclear Industry
Environment Sensitive Fracture	Corrosion in Energy Systems
Corrosion Mechanisms, Methods and Modeling	Stress Corrosion Cracking & Hydrogen Embrittlement
Corrosion Education	Electrochemistry & Electrochemical Test Methods
Marine Corrosion	Corrosion Monitoring and Modeling
Microbial Corrosion	Surface protection and Analytical Techniques
Corrosion of Steel in Concrete	Corrosion in Advanced Materials (Nano & Composite Materials)
Corrosion in Oil & Gas Production	Passive Films
Coatings	Corrosion in Concrete
Corrosion in the Refinery Industry	Corrosion in Oil/Gas/Pipelines
Cathodic Protection	Coatings
Automotive Corrosion	Corrosion of Stainless Steels
Tribocorrosion	Corrosion of Light Metals
Corrosion of Polymer Materials	Localized Corrosion (Pitting & Crevice)
Corrosion & Corrosion Protection of Drinking Water Systems	Erosion Corrosion
Corrosion of Archaeological and Historical Artefacts	Integrity and Lifetime Prediction
Corrosion in Aerospace	Failure Analysis and Industrial Services Failure
	Corrosion of Cultural Heritage
	Corrosion in Industrial Environments
	Corrosion of Bio Materials

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements (Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Sessions and paper selection

Proposal for paper selection:

- ... to offer all topics to participants in the registration system
- ... to nominate chairperson for each session
- ... to form joint sessions for final programme

Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Sessions and paper selection

		Days	No. of keynote lectures	No. of standard lectures	
1	Joint	Corrosion and Scale Inhibition	Mo-Tu	2	32
2	Joint	Corrosion by Gases and Atmosphere	Mo-Tu	2	32
3	Joint	Nuclear Corrosion	Mo-Th	2	65
4	Joint	Environment Sensitive Fracture	We-Th	2	29
5	Joint	Corrosion Mechanisms, Methods, Modeling and Monitoring	Mo-Th	2	63
6	EFC's	Corrosion Education	We-Th	1	31
7	EFC's	Marine Corrosion	Mo-Tu	1	34
8	EFC's	Microbial Corrosion	Mo-Tu	1	34
9	Joint	Corrosion of Steel in Concrete	We-Th	2	29
10	Joint	Corrosion in Oil & Gas Production	Mo-Tu	2	33
11	Joint	Coatings	Mo-Th	2	65
12	EFC's	Corrosion in the Refinery Industry	We-Th	1	31
13	EFC's	Cathodic Protection	We-Th	1	31
14	EFC's	Automotive Corrosion	Mo-Tu	1	34
15	Joint	Tribocorrosion	Mo-Tu	2	32
16	Joint	Corrosion of Polymers and advanced materials	We-Th	2	29
17	EFC's	Corrosion & Corrosion Protection of Drinking Water Systems	We-Th	1	32
18	Joint	Corrosion of Archaeological and Historical Artefacts	Mo-Tu	2	32
19	EFC's	Corrosion in Aerospace	We-Th	1	31
20	ICC's	Corrosion of Biomaterials	Mo-Tu	1	34
21	ICC's	Failure Analysis and Lifetime Prediction	We-Th	1	31
			32	764	
			incl 4 plenary lectures (40min)		

... in 12 parallel sessions

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements (Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Expected numbers

- 1300 participants
- 4 plenary lectures, 796 session lectures, 350 posters
- 6 plenary lectures, 748 session lectures, 350 posters
- 10 plenary lectures, 690 session lectures, 350 posters

Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Invited speakers

mechanisms	G. T. Burstein	Department of Materials Science and Metallurgy, University of Cambridge, Cambridge, UK, Editor-in-Chief, Corrosion Science
	Koji FUSHIM	Laboratory of Advanced Materials Chemistry, Division of Materials Chemistry
		Graduate School of Engineering, Hokkaido University
atmosphere	Ivan Cole Martin Stübmann C. Leygraf	Commonwealth Scientific and Industrial Research Organisation (CSIRO), Austriale Max-Planck-Institut KTH
cracking	Tetsuo Shoji	Tohoku University Frontier Research Initiative
	John R. Scully	Department of Materials Science & Engineering, University of Virginia
coatings	Mikhail ZHELUDKEVICH	Department of Corrosion and Surface Technology, Institute of Materials Research, Helmholtz-Zentrum Geesthacht, Germany
biomaterials	Diego Mantovani, Laval University, Quebec, Canada	
oil and gas		
NDT - corrosion	Process Safety	

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements
(Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Dissemination of papers...

- *Traditional conference proceedings (USB)*
- *Fast review by the participants*
- *Additional application for WoS or SCOPUS*
- *Special issues of an open access journal Corrosion and Materials Protection (SCOPUS) ... ???*

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Additional events

- *Graduate Corrosion Course (C. Leygraf)*
- *Exhibition*
- *ISO meetings*
- *EFC, ICC, WCO, NACE, etc. meetings*
- *Workshops (NDT, Microscopy in corrosion science)*
- *University-Industry-Government Relationship meeting (ICC-EFC)*
- *Process Safety Congress (CCPS)*
 - *Additional 200 participants and exhibitors*
 - *Additional 3 parallel sessions*



"Corrosion Control for Safer Living"

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements (Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Social programme

- Welcome party & Poster party in the Prague Congress Centre
- Students party in Strahov Monastery Restaurant
- Presidential Diner – to be specified
- Gala Diner – Municipal House



Joint EUROCORR 2017 & 20th International Corrosion Congress
Prague, Czech Republic



Registration fees...

Member	
Early	690,00 €
Late	790,00 €
On site	840,00 €
Non-Member	
Early	780,00 €
Late	880,00 €
On site	930,00 €
Student	
Early	280,00 €
Late	330,00 €
On site	380,00 €
Accompanying Person	
Early	190,00 €
Late	190,00 €
On Site	190,00 €
One Day Registration	
Early	350,00 €
Late	400,00 €
On site	450,00 €

*Buffet lunch, gala diner and
students party included*

EUROCORR 2017 - Prague (Czech Republic) - Report on Preliminary Arrangements
(Continued)

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Promotion...

www.eurocorr2017.org
www.20thicc.com



www.prague-corrosion-2017.com

Joint EUROCORR 2017 & 20th International Corrosion Congress
 Prague, Czech Republic



Promotion...

- *Distribution of flyers and sponsorship opportunities booklets*



EUROCORR 2018 - Sevilla - Bid from Spain



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

socie  mat sociedad española de materiales

“Corrosion: a Science continually evolving”

Mars g. Fontana, “PERSPECTIVES ON CORROSION OF MATERIALS”. Metallurgical Transactions, Volume 1, December 1970, 3251-3266

K. E. Heusler, “PRESENT STATE AND FUTURE PROBLEMS OF CORROSION SCIENCE AND ENGINEERING”. Corrosion Science. Vol. 31, pp. 753-761, 1990

G. S. Frankel & M. Stratmann (2009) Meeting report: future perspectives of corrosion science, Corrosion Engineering, Science and Technology, 44:5, 328-331

Guang-Ling Song, “THE GRAND CHALLENGES IN ELECTROCHEMICAL CORROSION RESEARCH”, Frontiers in Materials Research, 2014.

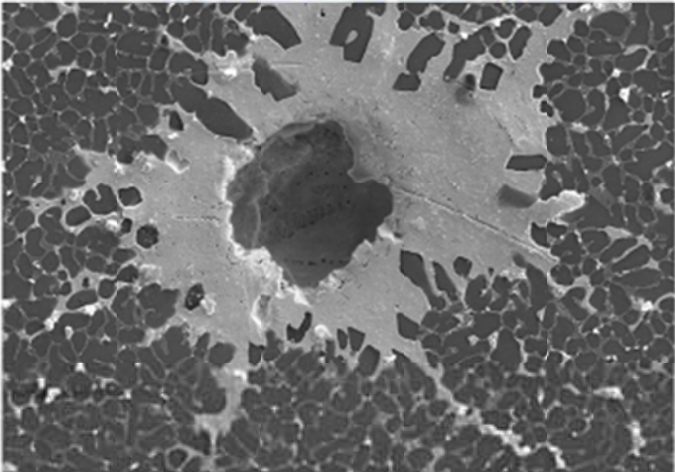
“The core of corrosion research focuses on the material–environment reaction mechanism. It is the fundamental understanding of the detailed reaction processes, procedures, and steps, as well as their influencing factors that underpins corrosion science”.

“However, the detailed in situ corrosion mechanism influenced by numerous varying factors has not been comprehensively revealed due to the lack of high-resolution in situ methods. At present, the biggest difficulty in corrosion research is to gain a deep understanding of the degradation process in situ on a corroding surface that is concealed by corrosive media.”.



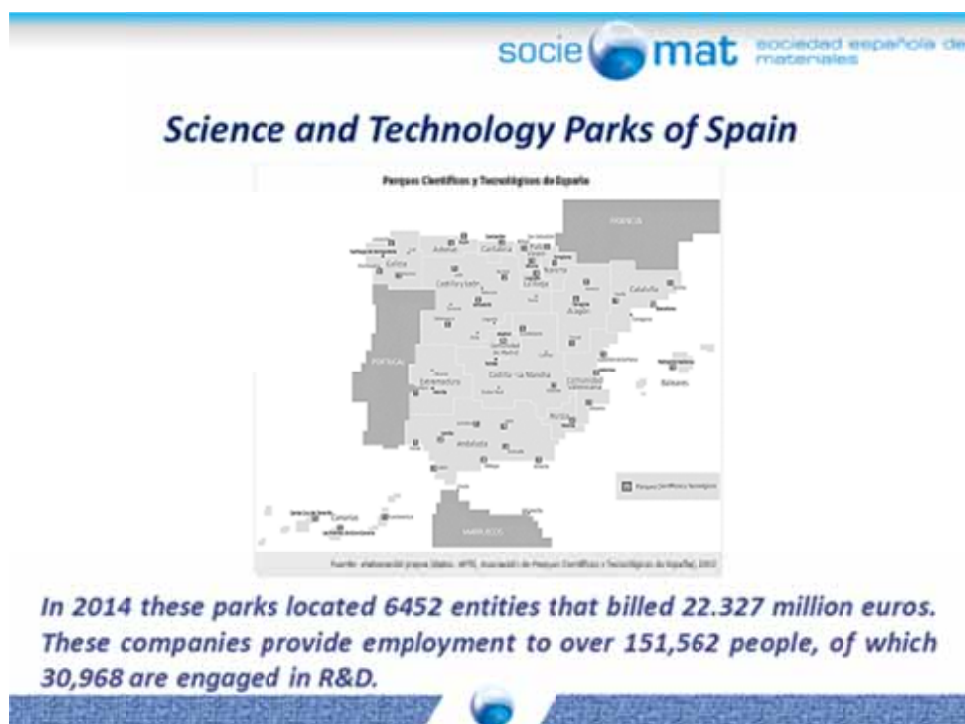
socie  mat sociedad española de materiales

New times, new materials, new corrosion challenges





EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

socie  mat sociedad española de materiales

***Symposium on
Future perspectives in Corrosion Research***



**10th International Symposium on
Electrochemical Impedance
Spectroscopy**



socie  mat sociedad española de materiales

***...and strong connections with Iberoamerican
and European countries***



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

socie  mat sociedad española de materiales

Chairman Local Organizing Committee:
Prof. Juan José Damborenea González



 **CSIC**
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

- *Local Organising Committee*
 - Paloma Fernández, UCM, ES
 - Javier Botana, UCA, ES
 - Daniel de la Fuente, CENIM-CSIC, ES
 - Ana Conde, CENIM-CSIC, ES
 - Pilar Ocón, UAM, ES
- *Local Organising Secretariat*
 - Anna Muesman, SOCIEMAT, ES
 - Juan Carlos García, Barceló Congresos, ES

socie  mat sociedad española de materiales






CULTURE
FUN
WEATHER

FACILITIES
CONNECTIONS
PRICES

ille?

EUROCORR 2018 - Sevilla - Bid from Spain Continued)



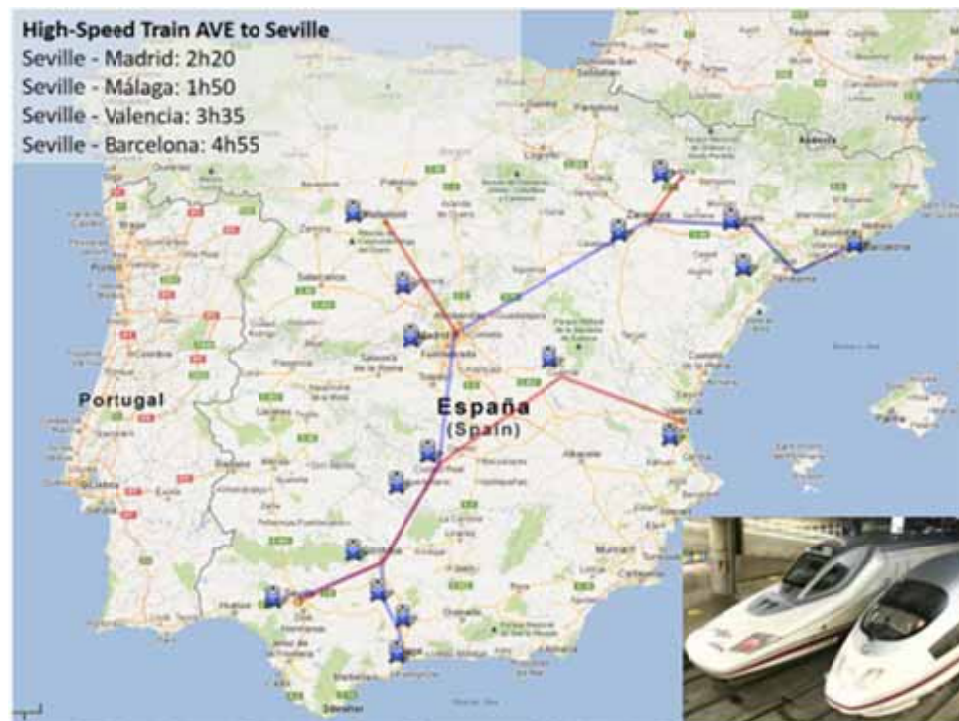
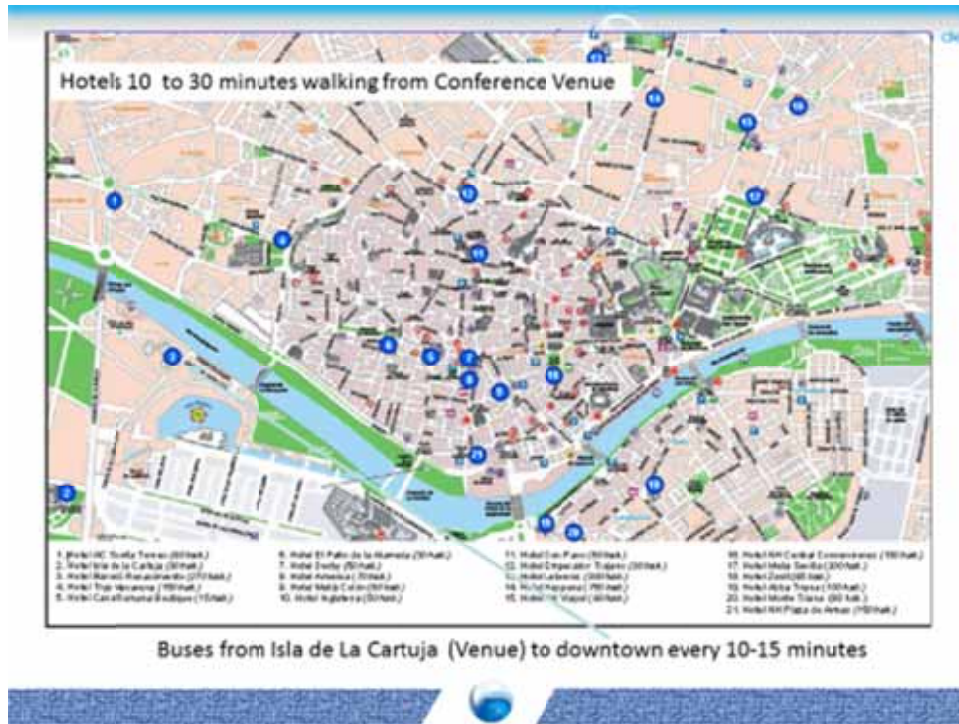
EUROCORR 2018 - Sevilla - Bid from Spain Continued)



The background of the table features several images of hotel interiors and exteriors, including a large hall with arches, a modern lounge, and a courtyard with a pool.

	Sevilla City			Province of Sevilla			Total		
	Hotels	Rooms	Beds	Hotels	Rooms	Beds	Hotels	Rooms	Beds
5+	5	720	1.456	2	52	110	7	772	1.566
4+	51	6.281	11.978	16	1.104	2.209	67	7.385	14.187
3+	34	1.780	3.291	21	595	1.190	55	2.375	4.481
2+	20	452	765	29	667	1.204	49	1.119	1.969
1+	12	302	531	20	340	591	32	642	1.122
Total	122	9.535	18.021	88	2.758	5.304	210	12.293	23.325

EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

IBERIA  *Nuestro mayor compromiso: al servicio*

AIR NOSTRUM
Almería: 6-7 x w
Fuerteventura: 1 x w
Lanzarote: 1 x w
Valencia: 3-5 x w
Vigo: 1 x w

vueling
A Coruña: 5 x w
Amsterdam: 3 x w
Asturias: 3 x w
Barcelona: 9 x day
Bilbao: 1-2 x day
Gran Canaria: 1 x day
Ibiza: 5 x w
Lanzarote: 2 x w
Lyon: 2 x w
Menorca: 3 x w
Nantes: 2 x w
Palma de Mallorca: 3-6 x w
Paris/Orly: 2 x day
Rome/Fiumicino: 3 x w
Tenerife North: 5-7 x w
Valencia: 6 x w

Lufthansa
Frankfurt: 3 x w
Munich: 3 x w

easyJet
Basel: 2 x w
Geneva: 3 x w
London/Gatwick: 5-7 x w
Toulouse: 3 x w

AirEuropa
Gran Canaria: 1 x w
Lanzarote: 1 x w
Palma de Mallorca: 2 x w
Tenerife Norte: 3-5 x w
Tenerife South: 1 x w

SunExpress
Düsseldorf: 2 x w

BRITISH AIRWAYS
London-Gatwick: 5 x w

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brussels airlines
brussels: 4 x w

RYANAIR
Lisbon: 1-3 x day
Toulouse: 4 x w

Barcelona: 2 x day
Bologna: 3-5 x w
Bordeaux: 2 x w
Brussels-Charleroi: 1 x day
Dublin: 2 x w
Eindhoven: 2 x w
Gran Canaria: 3 x w
Lanzarote: 2 x w
London/Gatwick: 3 x w
London/Stansted: 1 x day
Marrakesh: 2 x w
Marseille: 3 x w
Milan/Bergamo: 1 x w
Milan/Malpensa: 3 x w
Palermo: 2 x w
Palma de Mallorca: 5-6 x w
Paris/Beauvais: 4 x w
Pisa: 2 x w
Rome/Fiumicino: 6 x w
Santander: 3 x w
Santiago: 5 x w
Tenerife South: 2 x w

airberlin
Palma de Mallorca: 1 x day

TRAVEL
Prague: 1 x w

VOLOTEA
Asturias: 2 x w

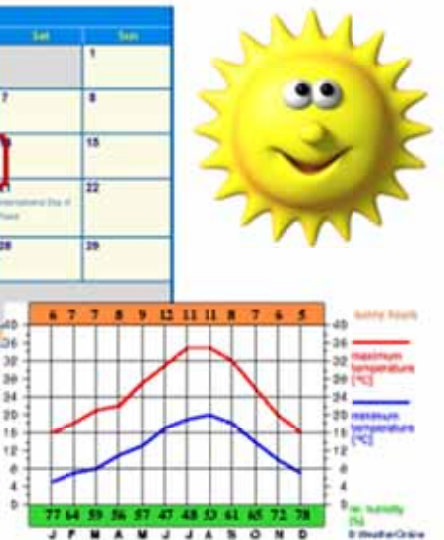
THE DATES AND...  *sociedad española de materiales*

September 2019

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Holidays: 10th & 11th 12th & 13th

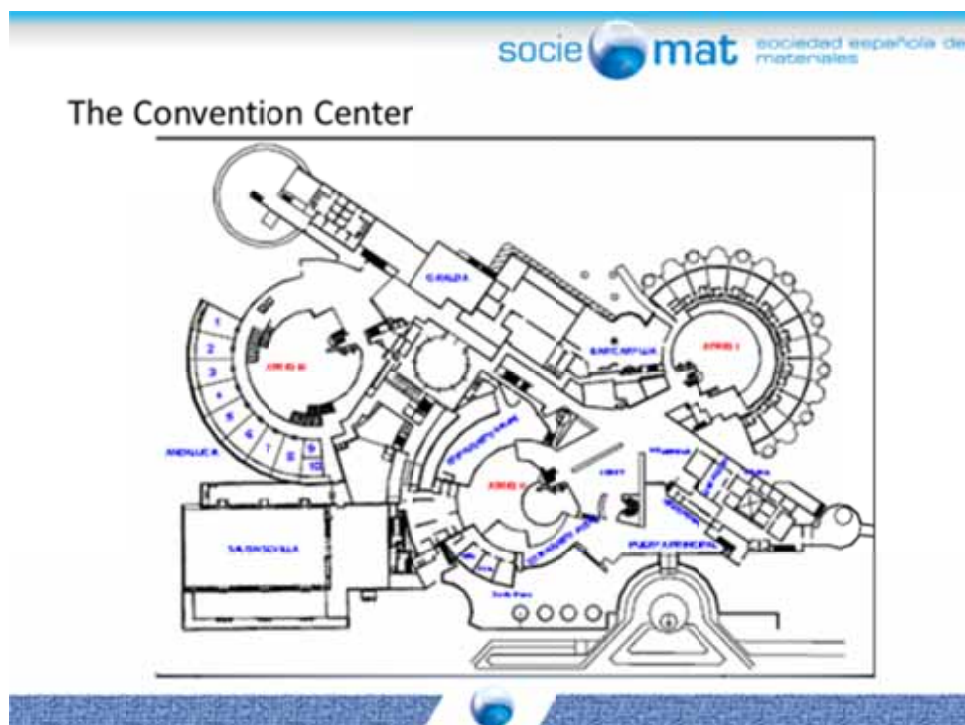
...THE WEATHER



Maximum temperature (°C): 20, 24, 28, 32, 36, 38, 36, 32, 28, 24, 20
Minimum temperature (°C): 10, 14, 18, 22, 26, 28, 26, 22, 18, 14, 10
Humidity (%): 77, 64, 59, 56, 57, 47, 48, 53, 61, 65, 72, 78

J F M A M J J A S O N D

EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

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Recent international conferences organized by SOCIEMAT



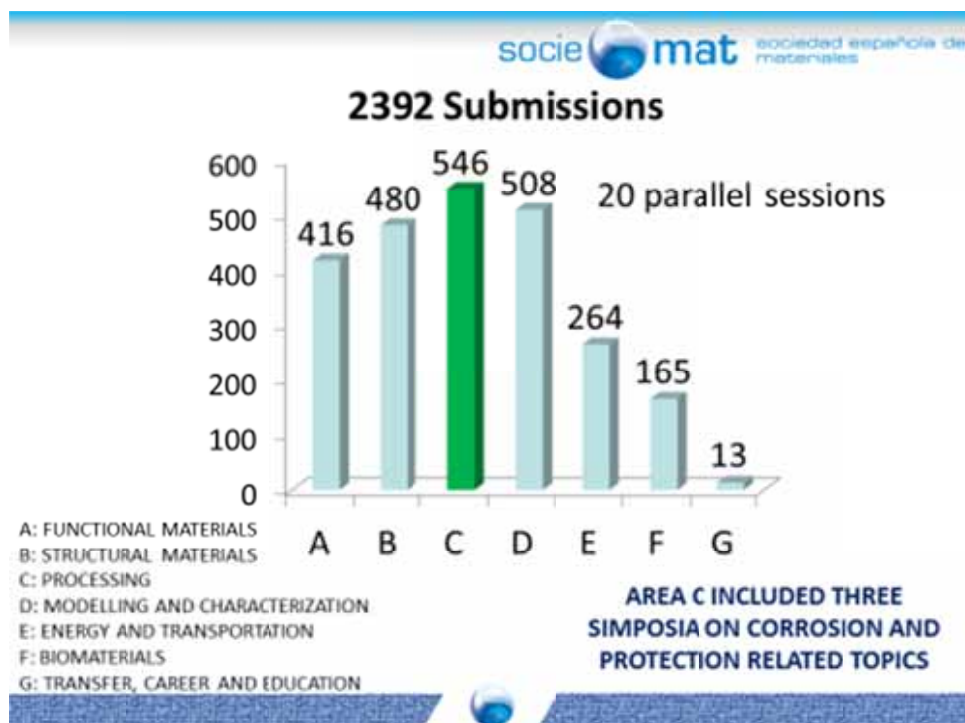
FEMS EUROMAT 2013
European Congress and Exhibition on
Advanced Materials and Processes

European Congress on Advanced Materials
and Processes -EUROMAT 2013-
Sevilla, September 8-13, 2013
Venue: Hotel Barceló Renacimiento

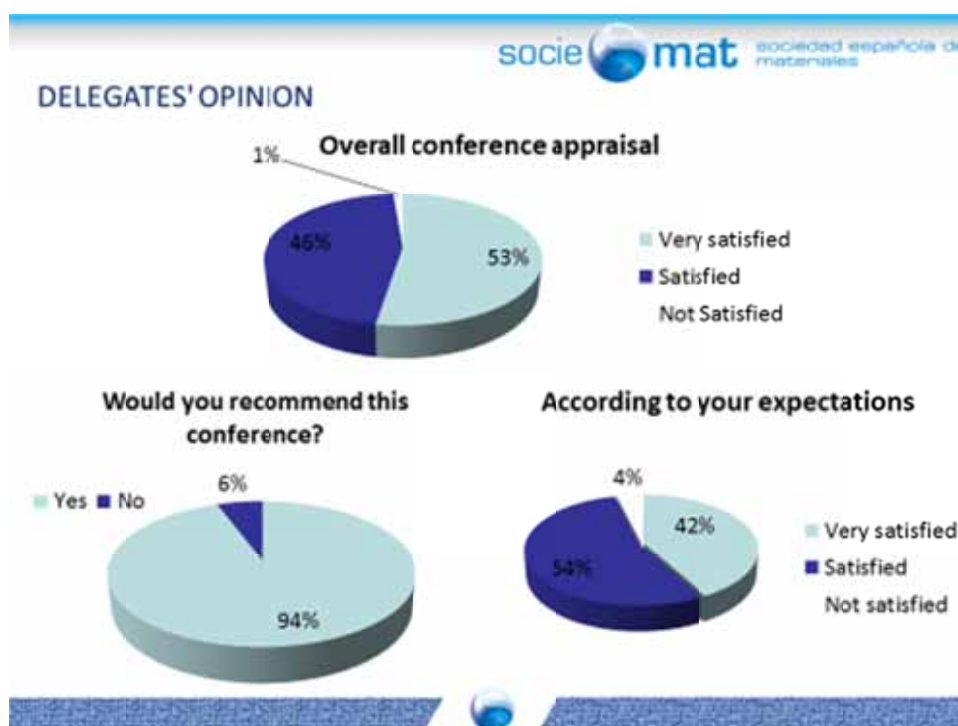
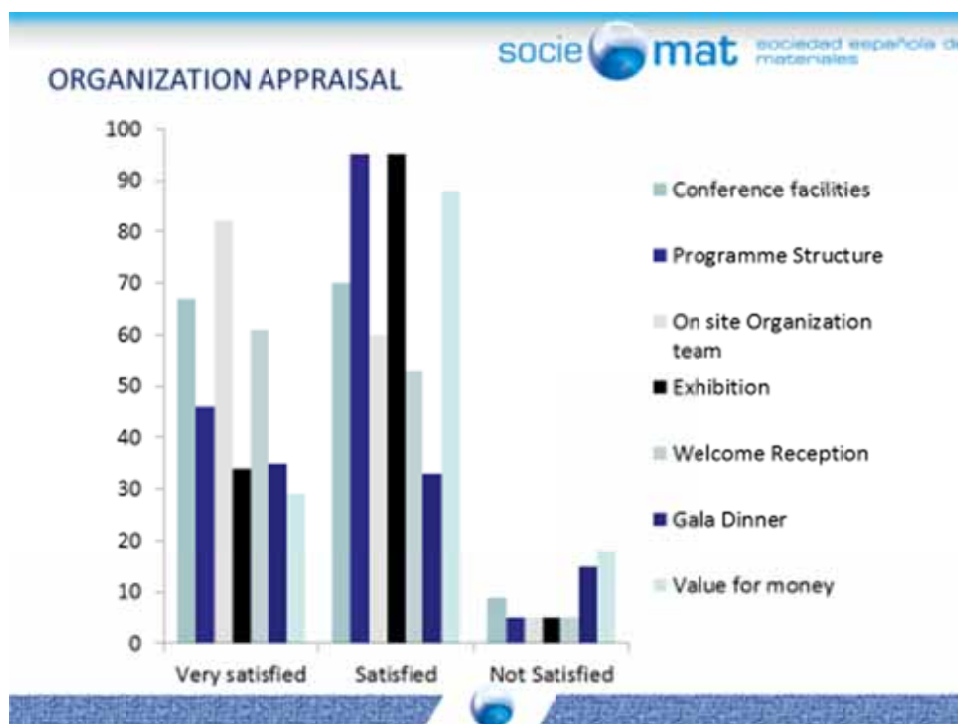


Attendance: 1980 Delegates





EUROCORR 2018 - Sevilla - Bid from Spain Continued)



EUROCORR 2018 - Sevilla - Bid from Spain Continued)

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Professional Congress Organizer:

Barceló Congresos

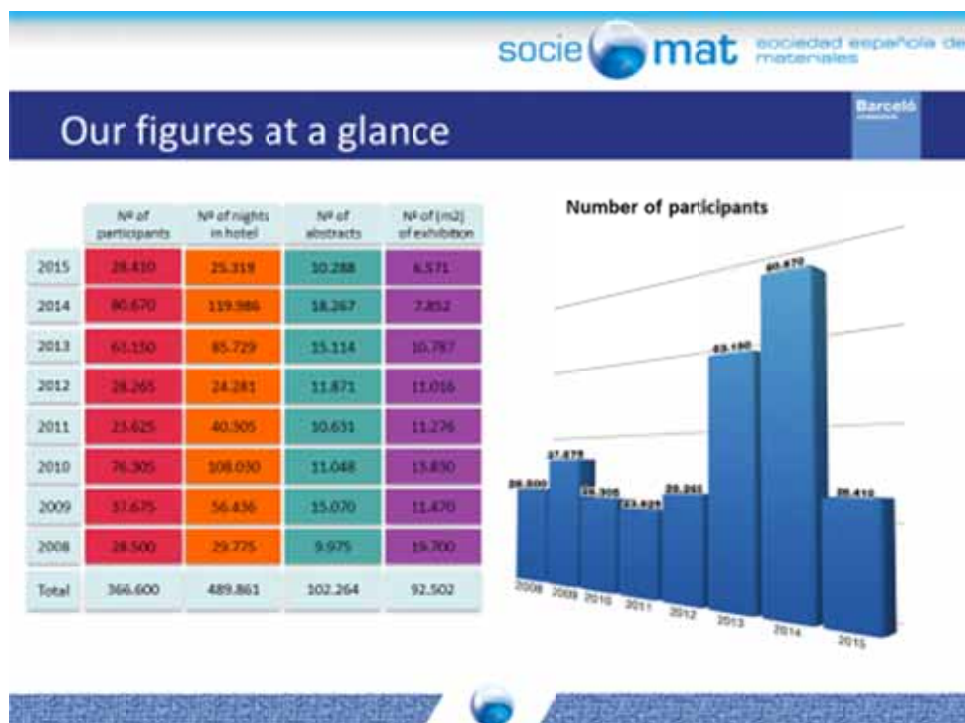
EUROCORR 2019
Sevilla, September 9-13, 2019









EUROCORR 2018 - Sevilla - Bid from Spain Continued)


sociedad española de materiales



EUROCORR 2016
 11-15 September 2016, Montpellier, France

(VAT 20% included)

	Early registration (until 27 May 2016)	Late registration (from 28 May 2016)
EFC Members*	700 €	800 €
Non-members	790 €	890 €
Students	300 €	380 €
One-day ticket	360 €	400 €

EUROCORR 2019, SEVILLE			
APPROXIMATE INCOME BASED IN 900 PARTICIPANTS			
Registration Fees Income			
Type of Fee	#	Amount	Subtotal
EFC Members early	81	700.00 €	56.700.00 €
EFC Members late	189	790.00 €	149.310.00 €
EFC Non Members early	81	800.00 €	64.800.00 €
EFC Non Members late	189	890.00 €	168.210.00 €
Students EFC Members early	27	300.00 €	8.100.00 €
Students EFC Non Members early	243	300.00 €	72.900.00 €
Students EFC Members late	0	380.00 €	0.00 €
Students EFC Non Members late	0	380.00 €	0.00 €
One-day Ticket EFC Members late	45	575.00 €	25.875.00 €
One-day Ticket EFC Non Members late	45	650.00 €	29.250.00 €
	900	Total Fees	875.145.00 €
Exhibition Income			
Exhibition	#	Amount	Subtotal
Exhibition stands 3 X 2 m	32	2.500.00 €	80.000.00 €
		Total Exhibition	80.000.00 €
TOTAL INCOME			655.145.00 €

EUROCORR 2018 - Sevilla - Bid from Spain Continued)

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APPROXIMATE EXPENSES BASED IN 900 PARTICIPANTS	
Congress/Exhibition	Amount
Congress venue + exhibition halls (incl. BoA, STAC, ISO meeting rooms)	84.700,00 €
Audiovisual media (5 Days)	60.500,00 €
Exhibition set-up & poster session	19.300,00 €
Printed and promotional materials, signs, emailings and website	18.150,00 €
Scientific secretariat + abstracts book	36.300,00 €
Hotel and travel expenses (Speakers & Committee)	16.500,00 €
Staff: project managers, hostesses, auxiliary staff, technicians & photographer	42.350,00 €
Catering & Social Events (welcome reception, coffee breaks, lunches and poster party)	207.900,00 €
Others & unforeseen expenses	9.050,00 €
EFC Levy (5% on registration fees)	28.757,25 €
Congress materials (Congress Bags, certificates & name badges)	19.380,00 €
TOTAL EXPENSES	542.927,25 €
FINAL BALANCE IN EURO	112.217,75 €

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<i>Thank you very much!</i> GRACIAS <i>We are looking forward to welcoming you in</i> SEVILLE!	