

BOARD OF ADMINISTRATORS

Graz, Austria

September 6, 2015

MINUTES

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MINUTES

Meeting of the Board of Administrators
of the
European Federation of Corrosion
Graz, Austria, September 6, 2015

Venue of meeting:	BEST WESTERN PLUS Amedia Graz Conrad-von-Hötzendorf-Straße 60 8010 Graz - Austria Room Salzburg
Date and time of meeting:	Sunday, September 6, 2015 - 14h00
Chairman:	Prof. Fátima Montemor (EFC President)
Secretary:	Mrs. Pascale Bridou Buffet (Paris Office)

**EUROPEAN FEDERATION OF CORROSION
MEETING OF THE BOARD OF ADMINISTRATORS
GRAZ, 6th SEPTEMBER 2015, 14:00**

AGENDA

- 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 Report on STAC Activities
- Item 3 Administrative Matters
 - 3-1 Status of Applications for EFC Membership
 - 3-2 Status of EFC Membership for Belgium
 - 3-3 EFC Awards
- Item 4 Interaction with other Organisations
 - 4-1 NACE International
 - 4-2 WCO (World Corrosion Organisation)
 - 4-3 ICC (International Corrosion Council)
 - 4-4 ACA (Australasian Corrosion Association)
 - 4-5 Relation between EFC and Middle East
- Item 5 EFC Activities and Projects
 - 5-1 Report of the Scientific Secretary
 - 5-2 Report on the Creation of a new EFC Position of Managing Officer
 - 5-3 EFC Publications
 - 5-3.1 EFC Book Series
 - 5-3.2 EFC Newsletter
 - 5-3.3 Progress with items/articles for the Publication in the three EFC Journals
 - 5-3.4 Printing-on-demand by External Parties of EUROCORR Proceedings
 - 5-4 EFC Web Site
 - 5-5 EFC 60-Year Anniversary in 2015
 - 5-6 EFC Logo
- Item 6 Financial Report
- Item 7 EUROCORR Series: 2015 to 2019
 - 7-1 EUROCORR 2015, Graz (Austria) - Report
 - 7-2 EUROCORR 2016, Montpellier (France) - Progress with Arrangements
 - 7-3 EUROCORR 2017, Prague (Czech Republic) - Report on Preliminary Arrangements
 - 7-4 EUROCORR 2018, Krakow (Poland) - Initial Progress Report
 - 7-5 EUROCORR 2019 - Call for Bids
- Item 8 EFC Events and Calendar of Events
- Item 9 Any other Business
- Item 10 Date and Place of next BoA

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EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Graz, 6th September 2015

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

Excused

Excused

Attendance List, Page 2

EUROPEAN FEDERATION OF CORROSION

MEETING OF THE BOARD OF ADMINISTRATORS

Graz, 6th September 2015

ATTENDANCE LIST

Signatures

EX OFFICIO REPRESENTATIVES:

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

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

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

Dr. J.M.C. A MOL, as Chairman of the STAC (The Netherlands)

GENERAL SECRETARIATS:

Frankfurt Office (Germany):

Mrs. D. GLÄNZER

Mrs. I. HONNDORF

Prof. Dr. W. MEIER

London Office (United Kingdom):

Dr. B. A. RICKINSON

Paris Office (France):

Mrs. P. BRIDOU BUFFET

Mr. M. ROCHE

GUEST(S) GUEST(S) AND OBSERVER(S):

Mr. L. AUGUSTYNEK, EUROCORR 2018 (Poland)

Mrs. Y. DWORAK, EUROCORR 2015 (Austria)

Dr. F. HANNOUR, Qatar National Research Fund (Qatar)

Dr. M. KOURIL, EUROCORR 2017 (Czech Republic)

Mrs. A. KRÓLIKOWSKA, EUROCORR 2018 (Poland)

Prof. Ph. MARCUS, EUROCORR 2016 (France)

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

Apologies had been received from the following:

Mrs. Y. DWORAK (Austria);
Mrs. I. HONNDORF (Germany);
Prof. B. ISECKE (Germany);
Mr. T. C. OSBORNE (UK);
Dr. T. PROSEK (Czech Republic).

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 Vienna (27th March 2015) were approved.

Item 2 Report on STAC Activities

Dr. Arjan MOL, Chairman of STAC, reported on progress in the STAC, as follows:

- 1- **Financial Support of the Working Parties:** Dr. Arjan MOL reported that Günter Schmitt, Chairman of the Working Party 1, requested financial support for the organisation of a Workshop on corrosion in geothermal industry in Germany, with the GfKORR, which could be the first edition of a new series running into Europe. The BoA agreed on the support of €600 to €700 for 2015, and €1,000 to €2,000 for 2016, subject to the approval by the STAC Chairman of the programme and a precise budget.
- 2- **Establishment of a Task Force EFC Young Scientist Community:** It has been proposed the creation of a Task Force (TF) moderated by a senior EFC representative, to form a small core group of young corrosionists from the EFC Community. This TF will prepare a strategic action plan for stimulation and activation of the young corrosion community in terms of EFC actions required to promote international networking, collaboration, education, communication, exchange, recognition etc. A report on the activities of this TF will be presented to the STAC next year in Montpellier.
- 3- **Reactivation of Working Party 7 on Corrosion Education:** The STAC has accepted the proposal of Dr. Stefano Trasatti, Vice-Chairman, to reactivate this Working Party. The STAC has also suggested involving this WP in the Task Force mentioned above.

Item 3 Administrative Matters

3-1 *Status of Applications for EFC Membership*

The Frankfurt Office reported on the application to join the EFC received from INSTN (French National Institute for Nuclear Science and Technology) as an Affiliate Member. The INSTN is the CEA academic Institute, see Appendix 1 of the Working Papers. INSTN delivers several diploma, including Masters where corrosion is one of the items included in the Masters. INSTN also organises specific courses and formations (in French and English) and some involve corrosion issues, like the one on “Corrosion Modelling”.

Following the agreement by the BoA, this proposal will be submitted to the General Assembly for approval.

The Frankfurt Office reported on progress on the membership transfer from the Institute of Metal and Technology to the Slovenian Society for Material (SDM – Slovensko društvo za material, Ljubljana). The Frankfurt Office is still waiting for the requested documents: the application form duly completed, a description of the activities of SDM in corrosion and corrosion protection, and if available, the SDM Statutes in English.

The Lybian Corrosion Society has not paid the subscription fees since many years and all the attempts to contact them failed.

The BoA decided to propose to the GA to inform the Lybian Corrosion Society that their membership is discontinued.

Otherwise, the new EFC Managing Officer, Mrs. Hélène Illaire, will try to find a contact in Lybia to try to reactivate their membership.

The Frankfurt Office reported that the Albanian Corrosion Society expressed the wish to rejoin the EFC. The BoA agreed to propose to the GA that this Society will rejoin the EFC with a 50% reduced fee as it is done now for any new member.

The Frankfurt Office informed the BoA that Ineos O&P (Grangemouth Refinery and Petrochemical site) manifested their interest in the EFC activities. The BoA placed an action to the Frankfurt Office to propose them to become an Affiliate Member.

3-2 *Status of EFC Membership for Belgium*

Following the action placed on the Frankfurt Office during the BoA meeting in Vienna, the exact cost related to the new EFC address previously secured by the DECHEMA was presented to the President Advisory Committee (PAC), during its meeting in Paris on 26 June 2015. This address is an administrative domiciliation address in Brussels:

<i>European Federation of Corrosion Sint Annadreef 68B 1020 Brussels - Belgium</i>	<i>Fédération Européenne de la Corrosion Drève Sainte Anne 68B 1020 Bruxelles - Belgique</i>
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In view of the low level of the cost of the domiciliation service, the PAC proposed to the BoA to keep the above address as the new official registered address for the EFC in Belgium.

The BoA approved to keep this address and asked the Frankfurt Office to write to the “Moniteur Belge” to register this new address for the EFC in Belgium.

Regarding the wording of the article 2 of the EFC Statutes, the PAC has noticed that this action does not necessitate any updating.

Further to these discussions, and to the rules regarding the ASBL (Association Sans But Lucratif) in Belgium, it appeared that the EFC is requested to send to the “Moniteur

Belge” the updated information concerning the members of the BoA, the President and the Vice-President after each change (election by the GA).

3-3 *EFC Awards*

The BoA was informed that the STAC elected the members of the Juries of the various awards for 2016 as follows:

EUROCORR 2015 Poster Prize:

- Dr. Arjan MOL, as STAC Chairman
- Dr.-Ing. Wolfram FÜRBETH
- Dr. Krzysztof WOLSKI

EFC Medal:

- M. Don HARROP
- Prof. Philippe MARCUS
- Dr. Arjan MOL, as STAC Chairman
- Prof. Günter SCHMITT

Cavallaro Award:

- Prof. Damien FÉRON
- Prof. Philippe MARCUS
- Dr. Arjan MOL, as STAC Chairman
- Prof. Miclaël SCHÜTZE
- Dr. Fabrizio ZUCCHI, Italy, as Chairman of the Jury, Director of the Corrosion Study Centre of the University of Ferrara,

Honorary Fellow Award:

- Dr. Arjan MOL, as STAC Chairman
- Prof. Damien FÉRON (STAC Member)
- Prof. Günter SCHMITT (STAC Member)

The STAC Chairman, Dr. Arjan Mol, recommended to the BoA that, for the years (i.e. every second year) when the Cavallaro (awarded every two years) and EFC Corrosion Medal (awarded every year) are both awarded, a candidate can only be nominated for one of the two awards in that year. This in recognition and due respect of the individual importance, origin, history and standing of the EFC Corrosion Medal and the Cavallaro Medal, the criteria of which overlap and are complementary to a degree, that should not be blurred or diminished by the same recipient receiving both or even being proposed for both in the same year. The BoA approved this recommendation to be implemented for these EFC Awards in 2016.

The STAC Chairman, Dr. Arjan Mol, reported on progress of the Award Task Force, agreed by the STAC and settled in Pisa to critically discuss and review the current palette, rules and procedure of EFC Awards. The BoA was reminded that the members are:

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

A first draft with the first recommendations was presented to the PAC last June 2015 in Paris. The PAC members considered that the TF should continue to work and should present its results to the STAC next year in Montpellier.

Item 4 Interaction with other Organisations

4-1 *NACE International*

The current MoU between EFC and NACE International has been discussed during the PAC meeting in Paris on 26 June 2015 following the request of an EFC Event Number for the 2nd NACE European Area Conference & Expo which is expected to take place at Genova, Italy, on 29 – 31 May 2016, organized by the NACE Milano Italia Section.

Dr. Roman Bender reported on the negative answer that he sent to NACE Europe explaining that an EFC Event Number cannot be given for this event because it is in clear conflict with the interest of the EFC.

At the time of the BoA meeting, there was no more mention of this project of conference on the NACE website.

4-2 *WCO (World Corrosion Organisation)*

Progress on EFC/WCO collaboration was presented, in particular the action placed on the Frankfurt Office during the PAC meeting in Paris, to prepare a letter to ask WCO to organize an extraordinary GA in Graz in order to clarify and update the objectives of the WCO, see Appendix 2 of the Working Papers. The BoA was informed that ACA (the Australasian Corrosion Association) has already decided to withdraw.

The WCO BoA and General Assembly were scheduled during EUROCORR in Graz respectively on Tuesday 8 and Wednesday 9 September 2015. The result of the discussions with WCO will be presented to the BoA in spring 2016.

4-3 *ICC (International Corrosion Council)*

The EFC President, Prof. Fátima Montemor, presented progress on EFC/ICC collaboration. She met the ICC President, Dr. Carlos Arroyave, in Lisbon. She has reminded that the EUROCORR 2017 in Prague will be organized with the 20th International Corrosion Congress.

4-4 *ACA (Australasian Corrosion Association)*

The EFC President, Prof. Fátima Montemor informed the BoA that a meeting EFC/ACA was scheduled during EUROCORR in Graz, on Tuesday 8 September 2015 in order to reactivate the collaboration.

The result of the discussions will be presented at the next spring BoA meeting.

4-5 *Relation between EFC and Middle East*

Dr. Fouzia Hannour, Chairman of the Working Party 17 on Automotive Corrosion has recently moved to Qatar and proposed to the EFC President, Vice-President and STAC Chairman to establish possible collaborations between EFC and Middle East Countries, see Appendix 6 of the Minutes of the BoA Meeting of 27 March 2015, which took place in Vienna.

During this meeting, the BoA considered this proposal as a great opportunity for the influence, visibility and development of the EFC. It was decided to prepare a proposal of a written collaboration agreement between QNRF (Qatar National Research Fund), a member of QF (Qatar Foundation for Education, Science and Community Development) and EFC. A Task Force (TF) was launched, composed by Marcel Roche (leader), Prof. Dr. Joao Salvador Fernandes, Mr. Trevor C. Osborne and Dr. Jörg Vogelsang.

The first draft has been discussed during the PAC meeting in Paris on 26 June 2015. The final version of a “Memorandum of Understanding”, see Appendix 3 of the Working Papers, has been established after discussions with Dr. Fouzia Hannour in view of launching a Branch of the EFC in the state of Qatar to be the first step of an EFC-Middle East collaboration.

It has been highlighted that the concept of an EFC Branch does not exist in the current EFC Statutes and Bye-Laws. In case of success, it will be necessary to update them accordingly.

The BoA agreed to propose this MoU to the Graz General Assembly for final approval and signature by the EFC President.

Item 5 EFC Activities and Projects

5-1 *Report of the Scientific Secretary*

The Scientific Secretary, Dr. Roman Bender, presented his report, see Appendix 4 of the Working Papers.

The BoA approved the Scientific Secretary Report.

5-2 *Report on the Creation of a new EFC Position of Managing Officer*

In order to improve the visibility of the EFC, in accordance with the new five year Strategic Plan which is being developed and with the termination of the function of Public Relation Officer, the BoA during its meeting in Vienna decided to create the new position of Managing Officer.

The EFC President, Prof. Fátima Montemor, reported that the PAC has interviewed 5 candidates preselected out of 8 applicants, and selected Dr. Hélène Illaire.

The EFC President, Prof. Fátima Montemor, asked her to present herself, see **Appendix 1**.

5-3 *EFC Publications*

5-3.1 *EFC Book Series*

The EFC STAC Chairman, Dr. Arjan Mol, reported on the progress in the preparation of the EFC Book Series, see **Appendix 2**.

5-3.2 *EFC Newsletter*

The BoA Members were reminded that an EFC e-Newsletter, prepared by Douglas Mills with the support of the Frankfurt Office, has been circulated for the occasion of the WCO Corrosion Awareness Day on 24 April 2015, an initiative of the WCO.

The hardcopy Newsletter N° 23 has been prepared by Douglas Mills with the support of the Frankfurt Office and distributed on the occasion of EUROCORR 2015.

5-3.3 *Progress with items/articles for the Publication in the three EFC Journals*

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 3**.

5-3.4 Printing-on Demand by External Parties of EUROCORR Proceedings

The EFC was approached by the Curran Associates Company, based in USA, for the possibility of the establishment of an agreement with the EFC for the publication each year of printed EUROCORRs proceedings.

The Frankfurt Office reported on the results of the proposals made to the Curran Associates Company to update the draft of agreement with the royalties increased to 25 % for the EFC and a lump sum for the business they have done with the publication of the proceedings up to 2014.

This action is stopped because it will be possible only when a formal copyright will be obtained from the new authors by ticking the appropriate box when they upload their full papers on the website. This will be implemented for the next EUROCORR.

It was reminded that the Frankfurt Office will add this box to be ticked as a mandatory field in the form collecting the full texts to have the agreement of the authors for reproduction of the proceedings.

An action is placed on the Managing Officer to introduce in the EUROCORR agreement an item on the authorisation to reproduce the proceedings by Curran Associates Company.

The BoA approved the launching of the actions described above.

5-4 EFC Web Site

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

Login: **efc-boa**

Password: **Graz2015**

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 4**.

5-5 EFC 60-Year Anniversary in 2015

The EFC President, Prof. Fátima Montemor, reported on the actions undertaken for the celebration of the 60th EFC Anniversary with the presentation, during the Opening Ceremony, of the new EFC logo, the new Award “EUROCORR Young Scientists Grants” and the first recipient of the new Fellowship Award.

Dr. Arjan Mol reported on the new “EUROCORR Young Scientists Grants”. The rules and application form are provided in **Appendix 5** and this new award will be implemented in 2016 and announced on the EFC Award page of the Website and the EUROCORR 2016 website.

The BoA approved this proposal and decided that 3 recipients will be granted in 2016. Following the remark of Prof. Alexander Muradov concerning the maximum age of the main applicant (35 years old instead of 30) the BoA decided to keep the figure of 30 years

for the first year which could be modified in the future years on the basis of the first experience.

The Member Societies will be invited to inform their members of the announcement of this award on their websites before February 2016.

The reception of the applications for the “EUROCORR Young Scientists Grants” was placed on the EFC Managing Officer.

5-6 *EFC Logo*

During the BoA meeting in Pisa in September 2014, first drafts for a new logo have been presented but it was decided to continue the study considering the following recommendations:

- Only English language;
- Use of Capital Letters;
- Use of black, orange and green in order to symbolize metal, corrosion and environment.

New proposals have been presented during the BoA Meeting in Vienna in March 2015 which were considered too close to the NACE International Logo.

Two new proposals have been sent by the Paris Office to the BoA Members for an e-mail voting process in May 2015.

The new logo resulting from this vote is provided as **Appendix 6**. The design guidelines given in this appendix must be followed.

Item 6 **Financial Report**

An EFC Financial Report was presented by the Honorary Treasurer, Mrs. Julija Bugajeva of IOM³, including the situation of the EFC Membership Fee arrears, **see Appendix 7**.

She underlined that these accounts present a strong balance sheet with high level of liquidities which can be explained by the payment of part of arrears and the lack of use of the strategic actions funds.

She pointed out that 30 of the 39 members have already paid their membership fees for 2015.

It has to be noted that the provisional budget for 2016 presents a small negative result which can be easily covered by the reserves.

However, it was proposed that the fees will not be increased for 2016 due to the negligible inflation rate in Europe.

BoA Members approved the EFC financial statement for 2014, the current accounts for 2015, the subscription fees, the provisional budget for 2016 and the Honorary Treasurer's Report.

Item 7 EUROCORR Series: 2015 to 2019

7-1 *EUROCORR 2015 - Graz (Austria) - Report*

Mr. Gregor Mori reported on the preliminary results of **EUROCORR 2015** in **Graz**, see **Appendix 8**.

At the date of the meeting, 840 delegates were registered. These participants were coming from 54 countries and the breakdown of the representatives placed Germany and France as the second and third countries with respectively 111 and 95 delegates after Austria with 120 delegates.

35 exhibitors were registered.

The programme presented 438 oral lectures distributed in 8 to 9 parallel sessions and 120 posters.

The EUROCORR 2015 levy for the EFC budget was expected to be more than €20 000.

The EFC President, Prof. Fátima Montemor, on behalf of the BoA, expressed thanks to Mr. Gregor Mori, all of the EUROCORR 2015 team, the Austrian Organising Committee and the EFC Congress Office Secretariat.

7-2 *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.

The EUROCORR 2016 website was to be opened on Monday morning, 7 September.

The organisation is running smoothly. A poster had been prepared to present the event in the EUROCORR 2016 booth with a preliminary list of Working Parties Topics plus Workshops.

The meeting of the International Scientific Committee was scheduled on Tuesday 8 September where Working Party Chairmen were requested to propose possibly new workshops and joined sessions.

Prof. Philippe Marcus announced that the BoA Members will be welcomed in Montpellier next year.

7-3 *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. The general theme will be “**Corrosion Control for Safer Living**”.

Dr. Milan Kouril reported on the initial progress for EUROCORR 2017, see **Appendix 9**.

The BoA Members were reminded that EUROCORR 2017 will be organised in conjunction with the 20th International Corrosion Congress.

A common website will be used to promote the two events.

An additional European Workshop on Process Safety will also be organised in the same time, which is expected to bring 200 to 300 more participants including exhibitors.

The project of programme, combining the scientific programme of the two events, is expected to present 12 sessions, representing about 700 lectures. 10 Plenary Lectures for 30 minutes each, will be proposed.

7-4 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**”.

Dr. Agnieszka Królikowska reported on the initial progress, see **Appendix 10**.

A lot of Polish Institutes and Universities expressed their wish to be involved in EUROCORR 2018.

The contract with the Congress Centre is to be signed.

The organisers are working to propose the best prices for the hotels.

7-5 EUROCORR 2019 - Call for Bids

Members were reminded that bids to host **EUROCORR 2019** should be submitted in writing to the EUROCORR Congress Secretariat at the Frankfurt Office **by 11 January 2016** with a copy to the Scientific Secretary and the Paris Office.

Item 8 EFC Events and Calendar of Events

It was reminded that during its meeting in Vienna, the BoA decided not to include anymore the Calendar of Events in the Working Papers and the Minutes of the BoA and GA meetings because it is regularly updated on the EFC website by the Frankfurt Office.

BoA Members were reminded that this Calendar 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.

Boa Members were also reminded that an application form is available in the restricted area for the BoA Members to apply for an EFC Event Number.

Item 9 Any other Business

None.

Item 10 Date and Place of next BoA

The next BoA meeting will be held in France, in spring 2016, at a time and place to be announced at a later date.

A P P E N D I C E S

EFC Managing Officer Presentation

Hélène Illaire is working as the EFC Managing Officer, a position create by the EFC in September 2015.



Her principal responsibilities include public relations activities, in particular:

- ✓ coordinating and supervising the EFC offices in London, Paris and Frankfurt;
- ✓ developing activities to strengthen the participation of Member Societies in EFC and vice-versa;
- ✓ assisting Member Societies in internationalisation of their activities;
- ✓ organising events like courses and workshops;
- ✓ assuming the continuity and sustainability of the EUROCORR exposition in close interaction with the organisers and exhibitors;
- ✓ recruiting new Member Societies (European and International) and Affiliate Members, such as universities, research institutes and companies.

Hélène Illaire graduated as a mechanical engineer from the University of Technology of Compiègne in 1998. In 2004, she obtained her Ph.D. in the field of Acoustics and Industrial Vibrations from Chalmers University of Technology (Sweden).

She worked as a test engineer, first at Volvo Trucks from 2006 to 2007, then at Volvo Cars from 2007 to 2008.

In 2008, she started her own company in the wellness sector, which she ran until 2011.

She came back to France in 2011 after a total of 13 years spend in Sweden.

Hélène Illaire CV

Dr. Hélène Illaire

12b avenue Jean Jaurès - 69 800 Saint Priest - France
Cell: +33 (0)6 05 30 53 50 / E-mail: helene.illaire@free.fr
French

Career objective: Position in a scientific organisation, with a focus on coordination and development.

WORK EXPERIENCE

- Since 02/11 Return from Sweden to France and parental leave.
- 08/2008 **Self-employed, Göteborg, Sweden**
to 02/2011 Creation and management of a company in the wellness sector.
- 10/2007 **Test engineer at Volvo Cars, Göteborg, Sweden**
to 08/2008 Member of Volvo's Noise & Vibration Center (more than 60 engineers). Vibration measurements in close collaboration with another engineer; analysis and reporting to internal customers.
- 09/2006 **Test engineer at Volvo Trucks, Göteborg, Sweden**
to 09/2007 Member of the noise & vibration laboratory (7 engineers). Planning, carrying out and analysis of measurements; R&D on measurement methods.
- 02/1999 **Doctoral work at Chalmers University of Technology, Göteborg**
to 09/2004 With the double status of student and employee.
- **Subject:** understanding and optimisation of active-passive damping treatments, used to reduce vibrations on metal sheets.
 - **Main results:** theoretical tools to understand the different damping mechanisms of active-passive treatment: a simplified model, a set of quantification indexes of damping mechanisms. Validation by experimental work.
 - **Publications:** (complete list available on request)
 - PhD thesis
 - Three articles in the peer-reviewed *Journal of Sound and Vibration*
 - Three conference articles presented in international conferences.
 - Obtained a grant for an international program exchange, resulting in a 6-month stay at the University of Southampton in England.
- 02/1998 **M. Sc. project at Chalmers University of Technology, Göteborg**
to 12/1998 Design and realisation of a 1:10 scale dummy head to localise noise in a gearbox using the human auditory system.
- Sept. 96 **Internship at Sollac (now ArcelorMittal), Montataire, France**
– Jan. 97 Trainee at the Process Department of a steel rolling mill.
Main results: improvement proposals for the galvanizing line, based on an analysis of technical parameters and results from an oral survey of the line operators.

Hélène Illaire CV (Continued)

EDUCATION

- 1998 **Ph. D. in Acoustics and Vibration**
to 2004 Chalmers University of Technology (Sweden)
- 1993 **Master's degree in mechanical engineering**
to 1998 **Université de Technologie de Compiègne (France).**
 Major: Mechanical engineering, Acoustics & Vibration
 Minor: Cognitive sciences

LANGUAGE SKILLS

French: first language
English: full professional proficiency
Swedish: good

INTERESTS

Dance – Participation to the Dance Biennale in Lyon in 2012.
Nonviolent Communication (NVC), a communication process based on empathy.

REFERENCES

- | | | |
|----------------------|---|---|
| Prof. Wolfgang Kropp | Chalmers University of Technology
Dept. of Applied Acoustics
SE 412 96 – Gothenburg, Sweden | Tel: +46 (0)31 – 772 2204
Email: wk@ta.chalmers.se |
| Gösta Emelius | Volvo Car Corporation
NVH Center
SE 423 56 – Gothenburg, Sweden | Tel: +46 (0)70 - 530 12 59
Email: gemelius@volvocars.com |

Progress in the Preparation of the EFC Book Series



Board of Administrators EFC Books Series



Stress Corrosion Cracking of Nickel-based Alloys in Water Cooled Nuclear Reactors: The 'Coriou' Effect
European Federation of Corrosion (EFC) Series No. 67
January 2016



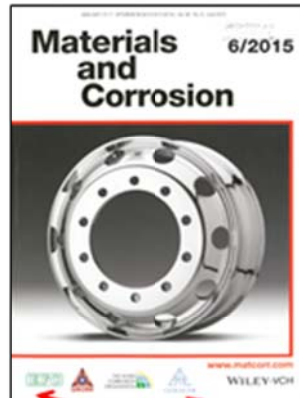
Corrosion Under Insulation (CUI) Guidelines: Revised
European Federation of Corrosion (EFC) Series No. 55
November 2015

EFC GA Meeting, 07 September 2015, Graz, Austria

Progress in the Publication in the EFC Journals



Board of Administrators 5.3.3 EFC journals



Materials and Corrosion

Official Organ of the

European Federation of Corrosion (EFC),

The Society for Corrosion Protection e.V. (GfKORR)

World Corrosion Organization (WCO)

Centre Français de l'Anticorrosion (CEFRACOR)

New logos forwarded to publisher

EFC BoA Meeting, 06 September 2015, Graz, Austria

720 Corrosion News

Corrosion News

The Corrosion News Section „Korrosionstechnik“ is available online at www.eurocorr.org

EFC Information

EUROCORR 2015
"Earth, Water, Fire, Air, Corrosion happens everywhere"

September 6 - 10, 2015, Graz (Austria)



ASMET, the Austrian Society for Metallurgy and Materials, is proud to host the European Corrosion Congress (EUROCORR 2015). The conference will take place in Graz at the Stadthalle, from 6-10 September 2015. The Stadthalle-Graz is an ideal congress venue, located within easy reach of the city centre, hotels to direct proximity and only 10 km away from the Airport Graz.

The city of Graz has been included in the UNESCO list of World Heritage Sites. It is considered to be a charming design and the creative industries as a strategic tool for socio-economic and cultural development with its strong history of design culture.

The scientific part is supported by EFC and the framework for the conference is ASMET. The conference will continue a successful series of corrosion science conferences. The main objective is to foster knowledge transfer and exchange of experience amongst delegates with academic and industrial backgrounds. The main theme of EUROCORR 2015 will be "Earth, Water, Fire, Air, Corrosion happens everywhere". The conference aims to

present the critical role of corrosion technology and engineering in all the fields of materials to define applications parts, for water, a scientific programme will complement scientific lectures, modelling and poster presentations among scientists referring to the EFC 8 Parties specialty areas of corrosion for more information, please contact ASMET - The Austrian Society for Metallurgy and Materials, Mrs. Ingrid R. Rauscher, Head of Section EFC, asm@asm.at, www.eurocorr2015.org

Community News

International Best Research Award for Innovation in High-Tech Area



Figure 1: From left to right: Dr. Ingrid Rauscher, Head of Section EFC, Mrs. Ingrid Rauscher, Head of Section EFC, Mrs. Ingrid Rauscher, Head of Section EFC

Technology and capital goods companies around the world are facing a new era of innovation. The first time in 100 years, for the first time, the world is facing a new era of innovation. The first time in 100 years, for the first time, the world is facing a new era of innovation.

EFC Information

Call for Papers
EFC Workshop: Insight, mechanisms and modelling in high temperature corrosion

October 28-30, 2015, Frankfurt (Germany)

Research on high temperature corrosion has been performed since about 190 years and a significant level of understanding has been achieved. Nevertheless, there are still a number of open questions and in particular the step from understanding the corrosion mechanisms to making quantitative use of this knowledge for predicting materials behavior still remains a challenge. Furthermore, there is an increasing demand from industry for the development of efficient modelling tools in high temperature corrosion to allow for the assessment of expected materials or components behavior, thus avoiding extensive testing efforts. Such tools ideally predict the metal damage rates under operating conditions but can also be of significant importance if they describe the role of the various environmental, operational and material parameters with regard to their impact on corrosion rates in a quantitative manner. There have already been extensive efforts in this respect in the past but most recently the impetus from industry has increased in particular for conducting already existing singular model approaches in order to establish comprehensive and efficient software tools describing the industrial situation as a holistic approach.

The aim of the workshop is to identify the current developments contributing to an improved understanding of high temperature corrosion processes, in particular with regard to a quantitative description of the corrosion mechanisms, and to maximize its potential for the development of models to be used in actual component design. The modelling approach will be presented by experts from academia and industry. The workshop will be held in English. For more information, please contact ASMET - The Austrian Society for Metallurgy and Materials, Mrs. Ingrid Rauscher, Head of Section EFC, asm@asm.at, www.eurocorr2015.org

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EFC Information

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The conference will continue a successful series of corrosion science conferences. The main objective is to foster knowledge transfer and exchange of experience amongst delegates with academic and industrial backgrounds. The main theme of EUROCORR 2015 will be "Earth, Water, Fire, Air, Corrosion happens everywhere". The conference aims to present the critical role of corrosion science, technology and engineering in extending the lifecycle of materials in different fields of applications (earth, fire, water, air). The scientific programme will comprise top-class keynote lectures, workshops, oral and poster presentations arranged into sessions referring to the EFC Working Parties specialty areas of corrosion.

EUROCORR 2015 will set a high value on increasing the exhibition, where companies and institutes dealing with corrosion protection will have a possibility to showcase their products and services. ASMET also will offer an extensive social programme to get to know the charming and attractive city and its lovely surroundings.

For more information, please contact ASMET - The Austrian Society for Metallurgy and Materials, Mrs. Ingrid Rauscher, Head of Section EFC, asm@asm.at, www.eurocorr2015.org

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EFC Information

EFC Presidency

President:

In September 2014, the EFC General Assembly elected Professor Fatima Mansour, Lisbon, Portugal, as the new EFC President for a two-year term of office from 1 January 2015. Fatima succeeded Prof. Lorenzo Fabiani.

M. F. Mansour graduated in Chemical Engineering at Instituto Superior Técnico (IST), the school of engineering of the Technical University of Lisbon in 1989 and obtained her Ph.D. also from the Technical University of Lisbon, in 1995. She has a permanent position as Assistant Professor in the Department of Chemical and Biological Engineering of Instituto Superior Técnico. Her research objectives are focused in the area of new surface functionalization strategies and development of novel coatings for metallic substrates (steel, Mg and Al alloys).

Vice President:

In September 2014, the EFC General Assembly elected Professor Damien Jéon, France, as the new EFC Vice President. He succeeded Prof. Fatima Mansour.

Damien Jéon graduated in chemical engineering at the Institute of Chemical Engineering of Toulouse in 1976 and obtained his Ph.D. in chemical engineering from the National Polytechnic Institute of Toulouse (INPT) in 1979. He is Director of Research at the Nuclear Energy Division of the French Atomic Energy and Alternative Energies Commission (CEA) since 2007. He is also the Deputy Head of the "Service of Corrosion" (SCOR) since 2002 at CEA-IdF.

Progress in the Publication in the EFC Journals (Continued)

Materials and Corrosion 2015, Vol. No. 2

DOI: 10.1515/mtcor-2015-0002

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European Federation of Corrosion Working Party 11: "Corrosion of Steel in Concrete"

Task Group: "Planning, execution and evaluation of corrosion surveys of steel in concrete"

In remembrance to our colleague Thomas Pfund

Contributors:

Michael August, Ulrich Schmidt (Chairman), Udo Angst, Günter Bräse, (Deputy Chairman), John Brunsell, Thomas Pfund, Roberto Gargalo, Jean Gauthier, Sabine Gysels, John Kucak, Inge Marie, Peter Niggard, Ben Oomsma, Jean Piquet, Rob Pridgen, Romy Ruchling, Mariana Sordo, George Sordi, Peter Schlegel, Guy Taché, Christine Vennart, Harald Winter

In 2007 a new Task Group of Working Party 11 of the European Federation of Corrosion, EFC, working on corrosion of steel in concrete, has been initiated on the topic of planning, execution and evaluation of corrosion surveys of steel in concrete by joining two task groups, which had met at COWI in Copenhagen and at GfZ in Dresden. The new Task Group chaired by Ulrich Schmidt and Michael August has seen the time to discuss this topic and prepare the papers of this issue of Materials and Corrosion 2015 in Utrecht, 2015 in Paris, 2015 in New-Delhi, 2015 in Tokyo and in Karlsruhe. As it can be seen from the list of contributors, members from Austria, France, Germany, Great Britain, The Netherlands, Norway and Switzerland contributed to the activities of the task group, allowing to take experience and opinions from different European countries into account.

Regrettably, our colleague Thomas Pfund passed away on 25 January 2015, at the age of 58, due to a cancer disease. He was an outstanding member of our group, who contributed immensely to this recommendation due to his deep knowledge, critical mind and extensive observations in the field. Thomas Pfund had more than 30 years of experience in the field of reinforcement corrosion.

He began to work with this subject at the Danish Corrosion Centre in 1983 under supervision of Professor Peter Steen. Apart from the research work concerning corrosion properties of different reinforcement materials, he also contributed to the practical work in development of a new technique for detection of corrosion in concrete, later called half cell potential measurements.

During this time Thomas was involved in many research projects, which have required expertise in different electrochemical techniques, such as linear polarization and AC impedance, applied for determination of corrosion rate. Also a thin gate is manganese dioxide reference electrode for determination of electrochemical potential in reinforced concrete was developed. Thomas was also heavily involved in this work. Later on, during the activities, working for FORCE Technology, a member of Danish Corrosion Centre, Thomas contributed to developing cathodic equipment for measure-

ments of corrosion rate in concrete. The work has resulted in the commercial product used on site for quick assessment of ongoing corrosion conditions. Both laboratory and on site work results were then presented at international conferences and during a few technical magazines.

Finally, during his last period of work for FORCE Technology from 1998 to 2005, Thomas worked with development of various corrosion sensors such as microcell for determination of corrosion rate in existing concrete structures, chloride sensors, pH sensors, etc. The work was carried out in connection with the international project supported by EU under the name "Smart Structures".

After leaving FORCE Technology from 2005 to 2008, Thomas Pfund was employed with the largest Danish Consulting engineering company, COWI A/S. The focus of his work with COWI A/S included mainly cathodic protection and corrosion monitoring. The last three years before his death Thomas worked at the Danish Technological Institute where projects regarding development of wireless humidity sensor and chloride threshold values were dominating activities.

We would like to dedicate the presentation of our work to Thomas to honour him and to use his memory. He was a well-regarded colleague and especially a particular friend.



Non-destructive testing (NDT) is being used increasingly for detecting and locating corrosion problems in steel reinforced concrete structures; however, most tests and measurement systems are available either for single or direct condition surveys of large concrete surfaces or as sensors for the continuous monitoring embedded at specified locations in concrete structures.

WP 11 - Task Group:
"Planning, execution and evaluation of corrosion surveys of steel in concrete"

Full journal can be downloaded for free following a link on WP 11 homepage!!

www.mtc-journal.com

mtcor@mtcor.org

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EFC BoA Meeting, 06 September 2015, Graz, Austria

Latest Improvements to the EFC Website



Board of Administrators 5.4 Website

The screenshot shows the EFC website homepage. The header includes the EFC logo and the text "EUROPÄISCHE FÖDERATION KORROSION", "EUROPEAN FEDERATION OF CORROSION", and "FÉDÉRATION EUROPÉENNE DE LA CORROSION". Below the header is a navigation bar with links: Home, Shop, Legal Notice, Privacy, Contact, and Print. The main content area is divided into several sections:

- Welcome:** A paragraph stating that the EFC is a federation of over 30 societies with interests in corrosion based in twenty-five different countries within Europe and beyond. It mentions that its member societies represent the corrosion interests of more than 25,000 engineers and scientists. It also states that its aim is to advance the science of the corrosion and protection of materials by promoting cooperation in Europe and collaboration internationally.
- EFC Events:** A section listing upcoming events:
 - EUROCORR 2015:** Earth, Fire, Water, Air, Corrosion happens everywhere. Graz, Austria. Sep 08, 2015 - Sep 10, 2015.
 - HUNGAROCORR 2015:** Hungary 2015 is the 10th in a series of international corrosion science conferences of the Hungarian Corrosion Alliance (HAKOR). The main objective is knowledge transfer, to provide a platform for exchange of research results and industrial experience. The scientific program will comprise top-class keynote lectures, workshops, oral and poster presentations, and also public lectures with a live broadcast. Budapest, Hungary. Sep 15, 2015 - Sep 17, 2015.
- EFC Courses:** A section for courses.
- EFC NEWS:** A section for news, including "EUROCORR 2015" and "EFC NEWS".
- EFC Publications:** A section for publications, including "EFC e-newsletter" and "EFC Publications".
- EFC Awards:** A section for awards.
- International Relations:** A section for international relations.
- Corrosion online:** A section for corrosion online.
- Recruitment Forum:** A section for recruitment.
- EFC Statistics:** A section for statistics.
- Service for members:** A section for member services.

At the bottom of the page, it says "© DECHEMA e.V. last update September 02, 2015".

EFC BoA Meeting, 06 September 2015, Graz, Austria

The screenshot shows the EFC website page for the President and Vice-President. The header includes the EFC logo and the text "EUROPÄISCHE FÖDERATION KORROSION", "EUROPEAN FEDERATION OF CORROSION", and "FÉDÉRATION EUROPÉENNE DE LA CORROSION". Below the header is a navigation bar with links: Home, Shop, Legal Notice, Privacy, Contact, and Print. The main content area is divided into several sections:

- Who we are:** A section listing the EFC's structure:
 - Administration
 - Board of Administrators
 - STAC
 - President & VP
 - Scientific Secretary
 - General Secretary
 - Member Societies
 - Affiliate Members
 - Working Parties
- EFC Membership:** A section for membership.
- Working Parties:** A section for working parties.
- Events:** A section for events.
- Officers:** A section for officers.
- Publications:** A section for publications.
- EFC News:** A section for news.
- EFC Awards:** A section for awards.
- International Relations:** A section for international relations.
- Corrosion online:** A section for corrosion online.
- Recruitment Forum:** A section for recruitment.
- EFC Statistics:** A section for statistics.
- Service for members:** A section for member services.

The **EFC President and Vice-President** section is highlighted. It includes the following information:

- EFC PRESIDENT:** In September 2014, the EFC General Assembly elected **Professor Fátima Montemor**, Lisbon, Portugal, as the new **EFC President** for a two-year term of office from 1 January 2015. She succeeded Prof. Lorenzo Fedrizzi.
- EFC VICE-PRESIDENT:** In September 2014, the EFC General Assembly elected **Prof. Damien Féron**, Orsay-Meb, France, as the new **EFC Vice-President**. He succeeded Prof. Fátima Montemor.

Below the text, there are portraits of the President and Vice-President. The President's portrait is of Prof. Dr. Fátima MONTÉMOR, and the Vice-President's portrait is of Prof. Damien FÉRON.

EFC BoA Meeting, 06 September 2015, Graz, Austria

Latest Improvements to the EFC Website (Continued)

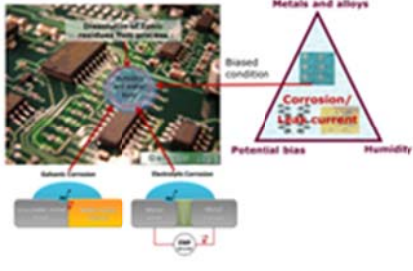
Who we are
EFC Membership
Working Parties
 WP Corrosion and Scale Inhibition
 WP Corrosion by Hot Gases and Combustion Products
 WP Nuclear Corrosion
 WP Environment Sensitive Fracture
 WP Surface Science and Mechanisms of Corrosion and Protection
 WP Corrosion Education
 WP Physico-chemical Methods of Corrosion Testing
 WP Marine Corrosion
 WP Microbial Corrosion
 WP Corrosion of Steel in Concrete
 WP Corrosion in Oil and Gas Production
 WP Coatings
 WP Corrosion in the Railway Industry
 WP Cathodic Protection
 WP Automotive Corrosion
 WP Tribocorrosion
 WP Corrosion of Polymer Materials
 WP Corrosion and Corrosion Protection of Drinking Water Systems
 WP Corrosion of Archaeological and Historical Artefacts
 WP Corrosion Control in Aerospace
 TI CO₂ Corrosion in CCS Applications
 TI Corrosion reliability of Electronics
Events
Others

Home > **Working Parties** > **WP Corrosion and Scale Inhibition**
EFC WORKING PARTY 4: CORROSION AND SCALE INHIBITION
 Welcome to the website of the Working Party on Corrosion and Scale Inhibition.
VISION
 WP4 is the platform and forum for all aspects of corrosion inhibition and scale inhibition in all kinds of industrial application.
 • from basic understanding of protection mechanisms to science-based modelling,
 • from compound selection for specific services to appropriate application modes,
 • from investigation methods and fitness-for-purpose testing to online monitoring,
 • from environmental concerns to legal aspects.
 Corrosion and scale inhibition is an issue in many industrial branches. Therefore, WP4 cooperates with many other EFC working parties and organizes joint sessions on EUROCORR conferences and international courses on this subject. Present activities aim at
 • validation of measuring systems for monitoring the performance of corrosion and scale inhibitors in the oil & gas industry, refineries, cooling water treatment, hydraulic fluids, metal treatment fluids and other applications,
 • standardization of inhibitor performance testing in cooperation with ASTM, CEN, ISO, NACE,
 • reviewing the potential of environmentally friendly inorganic and organic inhibitors
 • identifying fields for future research and development,
 • fostering networking between R&D labs for cooperation in European research programs.
EUROCORR 2015 IN GRAZ/AUSTRIA - INVITATION TO WP4 SESSIONS AND BUSINESS MEETING
 Don't miss the WP4 sessions on Monday & Tuesday (7/8 Sept. 2015) with 17 presentations on exciting topics in research and application of corrosion and scale inhibitors. In the WP4 business meeting (Thursday, 10 Sept. 13.15) to be invited presentations will be given and intensively discussed.
Is REACHing research and innovation in corrosion and scale inhibition?
 Dr. Wolfgang HPTER
 Kurts Europe GmbH, Düsseldorf, Germany
Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), a European Union regulation, addresses the production and use of chemical substances and their potential impacts on human health and the environment. It regulates the application of chemicals and will affect industries all over the world. The presentation gives an introduction into REACH and will address the consequences of this European law for research, innovation & application of corrosion and scale inhibitors.
Hot scaling challenges in hot geothermal wells
 Prof. Dr. Kostas D. Demadis
 Crystal Engineering, Growth & Design Lab, Department of Chemistry, University of Crete, Heraklion, Greece, Greece.
Chairman:
 Prof. Dr. Günter SCHMIDT
 IfB/OH Institut für Instandhaltung und Korrosionsschutztechnik gGmbH
 Institute for Maintenance and Corrosion Protection Technologies (BAM)
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 gschmidt@online.de
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 Dr. Wolfgang HPTER
 R&D Laboratory Manager
 Kurts Europe APW GmbH
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 40591 Düsseldorf, Germany
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 Fax 0439-211 799 2595

EFC BoA Meeting, 06 September 2015, Graz, Austria

EFC
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 EUROPEAN FEDERATION OF CORROSION
 FEDERATION EUROPEENNE DE LA CORROSION
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 TI CO₂ Corrosion in CCS Applications
 TI Corrosion reliability of Electronics
Events
Others

Home > **Working Parties** > **TI Corrosion reliability of Electronics**
EFC TASK FORCE: CORROSION RELIABILITY OF ELECTRONICS
MISSION:
 Electronic devices, components, and products world-wide today face corrosion reliability issues resulting in premature fault and intermittent or permanent failures due to humidity exposure. The humidity related functionality issues and corrosion problems compromise the durability and reliability of the devices resulting in huge economic loss. Often a faulty signal or erroneous function by an electronic device is linked to the water layer formation on the surface of the printed circuit board assembly (PCBA) resulting from the humidity exposure and the water layer acting as electrolyte for electrochemical processes. Problem is compounded today due to a number of factors specific to the electronic devices such as miniaturization, high level of integration, and multi-material usage on the PCBA. These factors together with the applied potential bias what the device is working and contamination introduced during the manufacturing process causes a number of humidity related failure modes in electronics. Today electronic devices and control systems are part of almost all installations exposing them to all climatic conditions from clean room to severe offshore conditions.

Chairman:
 Prof. Dr. Rajen Ambat
 Materials and Surface Engineering
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 Technical University of Denmark
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 Fax: +45 - 45362113
Vice Chairman:


EFC BoA Meeting, 06 September 2015, Graz, Austria

EUROCORR Young Scientists Grants: Rules

RULES FOR THE AWARD OF THE EUROCORR YOUNG SCIENTIST GRANT for Short Scientific Missions

Founded and Presented by the European Federation of Corrosion

INTRODUCTION

The EUROCORR conference makes a special effort to stimulate interaction and collaboration within the international corrosion community by setting up a EUROCORR Young Scientist Grant scheme, made possible by the EFC. The grant will provide financial support to junior corrosionists to enable them to visit and interact with other corrosionists at their home institute abroad and to discuss research issues of mutual concern relevant to the field. A special EUROCORR Young Scientist Grant Selection Committee makes the grant selection on the basis of brief proposals submitted and will be presented at the yearly EUROCORR Conference.

RULES

- To enter the competition, two applicants, having defined an area or issue in their research related to the field of corrosion they want to discuss bilaterally in more detail and at leisure at the home institute of one of the partners, fill in the appropriate form describing the nature of their project or discussion items.
- The conditions of eligibility to the EUROCORR Young Scientist Grant competition are as follow: the main applicant is not older than 30 years and is a participant to the EUROCORR taking place the year when the award is granted. The co-applicant is a member of an EFC Member Society and should preferably be a participant to the EUROCORR taking place the year when the award is granted.
- Each applicant can hand in a maximum of two applications with different partners.
- The applications are to be sent to the EFC Paris Office:

Dr. Hélène ILLAIRE
European Federation of Corrosion, Paris Office
c/o CEFRA COR
28, rue Saint-Dominique
F - 75007 PARIS
Email: secretaireexecutif@cefracor.org
Web: www.efcweb.org

- The submission deadline is 1 March of the year of the EUROCORR the grant will be awarded. Submissions after this deadline will not be considered.
- Each year a maximum of 3 (three) EUROCORR Young Scientist Grants, up to a maximum of 1500 Euro each, will be awarded. The grant shall be used to cover part or all of travel and accommodation costs. There are no restrictions as to distance travelled or duration of the visit.

EUROCORR Young Scientists Grants (Continued): Rules

- The EUROCORR Young Scientist Grant Selection Committee will consist of the STAC Chair (chair), the EFC President and EFC Vice-president. The results of the Committee will be announced by the Selection Committee chair during EUROCORR and granted applicants will also be informed in writing. The decision of the Selection Committee shall be considered as final and not arguable.
- The EUROCORR Young Scientist Grant proposals will be judged by the Selection Committee, which takes into account: i) the relevance and originality of the discussion points, ii) the perceived strategic relevance of the visit for future collaboration and development of the field. Especially to be established and new interactions are encouraged above already established and ongoing collaborations.
- Details of the contents of the application will be treated as confidential and will not be disclosed. De-personalized general information may be disclosed for publicity reasons.
- Reimbursement of the costs will take place typically within a period of four weeks after receiving the receipts. The receipts or other proofs of payment, together with a brief (typically 500 words) summary describing the purpose of the visit and its outcome, are to be sent to the EFC Paris Office (see address above).
- Only in exceptional cases a partial pre-payment to cover the costs will be made. Such applications are to be made to the EFC Paris Office (see address above).
- Each EUROCORR Young Scientist Grant recipient is given the opportunity to present a brief outcome of the research visit at the next year's EUROCORR Conference¹.
- The EUROCORR Young Scientist Grant only applies to the applicants listed on the original application and cannot be transferred to others.
- The EUROCORR Young Scientist Grant is to be spent before May of the year following the EUROCORR conference at which the grant is awarded.
- In case the visit ultimately leads to a joint publication in a scientific journal the support via the EUROCORR Young Scientist Grant scheme must be properly acknowledged.

¹ All costs associated with the travel and registration to the EUROCORR conference are at the expense of the granted applicants.

EUROCORR Young Scientists Grants (Continued): Application Forms

 EFC EUROPEAN FEDERATION OF CORROSION	EUROCORR Young Scientist Grant for Short Scientific Missions
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APPLICATION**1. Main applicant profile:**

First and Surname	
Date of birth	
Title	
Position	
Department	
Year of (prognosed) PhD	
(tentative) Title PhD-thesis	
University	
Address	
E-mail	
Phone & Fax	Phone: _____ Fax: _____

2. Co-applicant profile:

First and Surname	
Title	
Position	
Department	
Relevant expertise	
University	
Address	
E-mail	
Phone & Fax	Phone: _____ Fax: _____

3. Timing and Duration of the short Scientific Mission and Budget:

Timing (year and month of start)	
Duration	
Budget	

4. New or continuation of existing collaboration (tick the appropriate box)

New	☐
Continuation	☐ being....

EUROCORR Young Scientists Grants (Continued): Application Forms**5. DESCRIPTION OF AIM OF THE VISIT AND PROPOSED COLLABORATION**

To be confirmed by the co-applicant: I herewith confirm that I am a member of the following EFC Member Society:

Submission deadline is **1 March** of the year of the EUROCORR the grant will be awarded.

Please return application to

Dr. Hélène ILLAIRE
European Federation of Corrosion, Paris Office
c/o CEFRACOR
28 rue Saint-Dominique
75007 Paris
France

E-mail: secretaireexecutif@cefracor.org

Further information at <http://www.efcweb.org/EUROCORR+Young+Scientist+Grant.html>

EFC New Logo and Design Guidelines



EFC Logo Basic Design Guidelines

FFC/P88 - 13/10/2015

EFC New Logo 2015 - Basic Design Guidelines

1

Logo

The logo is the primary visual symbol of the European Federation of Corrosion.

Claim

The claim (set in Gill without Bold) must be used with the greatest of care, sparingly and selectively, and reproduced using a suitable production method to ensure the highest quality reproduction.

Standard Version

The standard version of the logo in black with the claim in black should be used wherever possible.

"EFC" typography: Splekta



Protective Field

The logo must always be surrounded by a defined minimum space of 10 mm, separating it from other design elements.

Files of the logo include this protective field.

FFC/P88 - 13/10/2015

EFC New Logo 2015 - Basic Design Guidelines

2

EFC New Logo and Design Guidelines (Continued)

Minimum Size for Print

In order to ensure legibility, the standard version of the logo, with the claim underneath, should not be printed at sizes smaller than 30 mm in length.



The logo without claim should not be printed at sizes smaller than 10 mm.



Logo with Claim

The logo with claim is preferred for use in all communication, including brochures, advertisements etc.

Colors

Colors for the logo have been defined: in Pantone, CMYK (= four color), and RGB.



		
Pantone: 348 PC	Pantone: 123 PC	Pantone: 172 PC
Four color: C = 100 M = 4 Y = 87 N = 11	Four color: C = 0 M = 21 Y = 88 N = 0	Four color: C = 0 M = 72 Y = 90 N = 0
RGB: R = 0 G = 122 B = 61	RGB: R = 253 G = 198 B = 0	RGB: R = 236 G = 115 B = 43

FFC/P88 - 13/10/2015

EFC New Logo 2015 - Basic Design Guidelines

3

EFC Logo in Black and White

This logo in B&W is to be used only for printing document(s) or support(s) in black and white.



The EFC Logo is supplied with and without Baseline in Four Colors and Black & White in the following formats:

- Logo EFC Four Colors in AI, EPS, JPG and PDF
- Logo EFC Pantone in AI, EPS and PDF
- Logo EFC RGB in AI, EPS, JPG, PDF and PNG
- Logo EFC Black&White in AI, EPS, JPG, PDF and PNG.

FFC/P88 - 13/10/2015

EFC New Logo 2015 - Basic Design Guidelines

4

EUROPEAN FEDERATION OF CORROSION
Treasurer's report to the Board of Administrators - September 2015



FINANCIAL REPORT

September 2015

Introduction

Part I

- ☐ Results for 2014
- ☐ Subscriptions
- ☐ Proposed budget for 2016
- ☐ Proposed subscription fees for 2016

Part II

- ☐ Approval of annual financial statement 2014
- ☐ Approval of budget for 2016
- ☐ Approval of subscription fees for 2016



EUROPEAN FEDERATION OF CORROSION
Treasurer's report to the Board of Administrators - September 2015 (Continued)

Results for 2014

Annex 1 page 1	Budget 2014	Results 2014	Results 2013
Total income	70,000	101,331	76,043
Total expenditure	62,450	56,019	40,654
Surplus	7,550	45,312	35,389
Opening reserves	198,510	198,510	163,121
Closing reserves	206,060	243,822	198,510



Results for 2014 (continued)

Annex 1 page 2

- ☐ Strong balance sheet with high liquidity

Annex 1 page 3

- ☐ Supporting information to the accounts



EUROPEAN FEDERATION OF CORROSION
Treasurer's report to the Board of Administrators - September 2015 (Continued)

Budget for 2016

Annex 2	2014 results	2015 forecast	2016 budget
Total income	101,331	84,000	90,500
Total expenditure	56,019	67,225	95,475
Surplus / (deficit)	45,312	16,775	(4,975)
Opening reserves	198,510	243,822	260,597
Closing reserves	243,822	260,597	255,622



Subscriptions

Annex 3

- €7,414 in respect of the arrears for 2014 received to date
- €60,175 billed for 2015
- 30 of 39 member organisations have paid 2015 subscription fees to date



EUROPEAN FEDERATION OF CORROSION
Treasurer's report to the Board of Administrators - September 2015 (Continued)

2016 subscription fees

	2014	2015	2016
European or International member	€1,670	€1,690	€1,690
Affiliate member (companies)	€1,530	€1,550	€1,550
Affiliate member (universities or research organisations)	€1,020	€1,030	€1,030



Documents for approval

- ☐ 2014 annual financial statement
- ☐ Budget for 2016
- ☐ 2016 subscription fees



EUROCORR 2015 - Graz (Austria) - Report



Earth, water, fire, air,
corrosion happens everywhere!



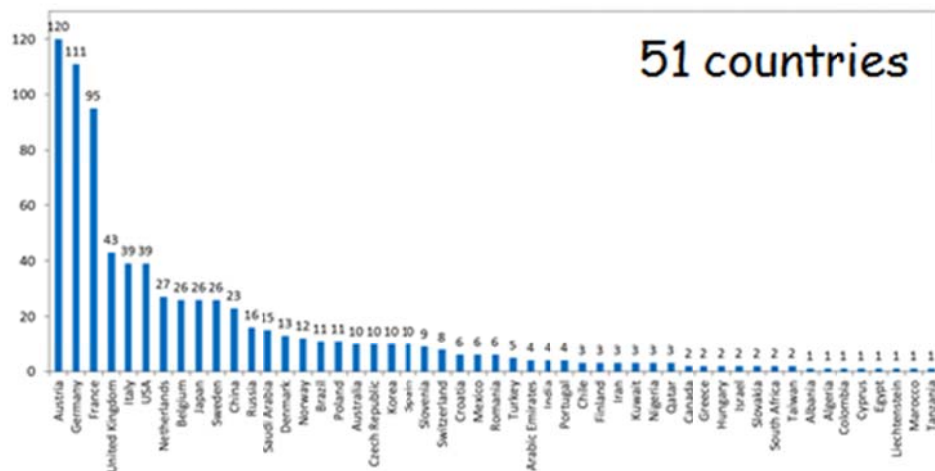
Welcome to Graz, Austria !



Some figures

35 exhibitors
51 countries
120 posters
438 oral presentations
805 corrodeurs

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



Industry and Corrosion Research in Austria



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

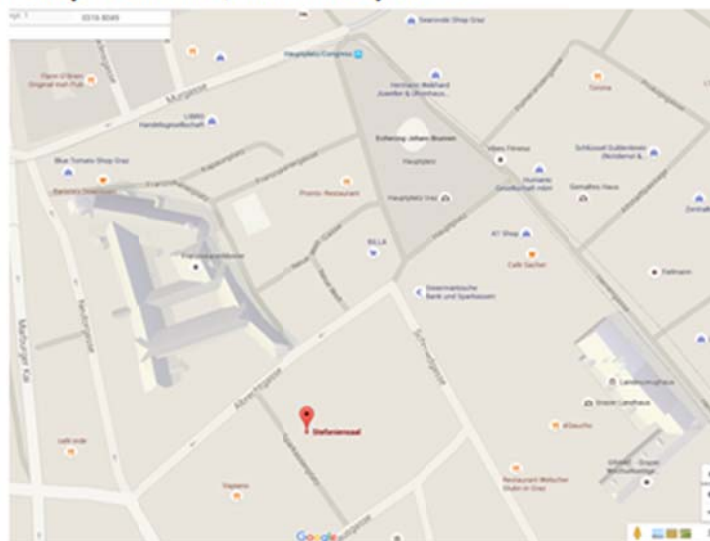
Transport to City Centre

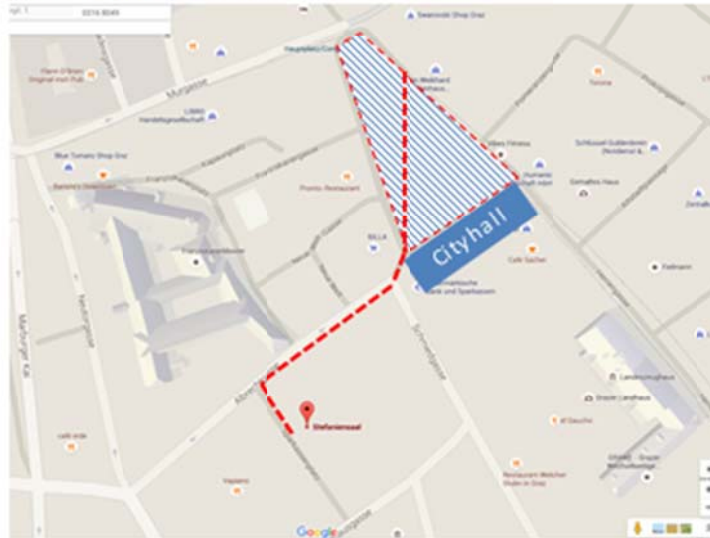


Transport to City Centre, Main Square:
by feet 1600 m
by Tramway no 4 and 13 (5 stations)

Classic Concert

From City Centre, Main Square:



EUROCORR 2015 - Graz (Austria) - Report (Continued)**Classic Concert****Location of Stefaniensaal****Classic Concert****Dress code**

Eva Green as Vesper Lynd
in „Casino Royal“



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

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



Candidacy of Prague – Czech Republic

ICC 2017 - International Corrosion Congress
in Jeju, November 2014

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



joint EUROCORR 2017 and 20th ICC

www.eurocorr2017.org
www.20thicc.com



www.prague-corrosion-2017.com

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



joint EUROCORR 2017 and 20th ICC

+ European workshop on Process Safety

- Center for Chemical Process Safety
- 3 extra sessions, 200 – 300 participants, exhibitors



joint EUROCORR 2017 and 20th ICC

Programme

- 12 sessions in total (700 lectures)

Sunday Sept. 3	Monday Sept. 4	Tuesday Sept. 5	Wednesday Sept. 6	Thursday Sept. 7
9:00-12:00 STAC meeting	9:00-9:00 registration 9:00-9:30 opening ceremony	9:00-10:30 2 plenary	9:00-10:30 2 plenary	9:00-9:30 farewell
14:00-18:00 BoA meeting ICC Executive 18:20-19:00 meeting	9:30-10:30 2 plenary coffee break 10:50-12:30 1 keynote + 4 lect lunch	coffee break 10:50-12:30 1 keynote + 4 lect lunch	coffee break 10:50-12:30 1 keynote + 4 lect lunch	9:30-10:30 2 plenary coffee break 10:50-12:30 1 keynote + 4 lect lunch
18:00-20:00 Registration	12:30-15:10 5 lect coffee break 15:30-17:30 6 lect	12:30-15:10 5 lect coffee break 15:30-17:30 6 lect	12:30-15:10 5 lect coffee break 15:30-17:30 6 lect	12:30-15:10 5 lect coffee break 15:30-16:30 2 lect
19:00 Welcome Party	17:40 EPC General Assembly 19:00 Student Party 19:20 Presidential Dinner	17:40 ICC council meeting 19:00 Poster Party	19:00 Gala Dinner	

- 10 plenary lectures in total (duration 30 min each)

AKI DECHEMA

Proposal of Sessions

- | Room | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|------|---------------|-------------|-------------|------------------|-----------------|---------------|---------------|
| Mon | Coatings (11) | Methods (5) | Nuclear (3) | High Temp (2) | Automotive (14) | Biomat (20) | Oil/Gas (10) |
| Tue | Coatings (11) | Methods (5) | Nuclear (3) | High Temp (2) | Automotive (14) | Biomat (20) | Oil/Gas (10) |
| Wed | Coatings (11) | Methods (5) | Nuclear (3) | Drinking W. (17) | Polymers (16) | Education (6) | Refinery (12) |
| Thu | Coatings (11) | Methods (5) | Nuclear (3) | Drinking W. (17) | Polymers (16) | Education (6) | Refinery (12) |
-
- | Room | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|------|---------------|----------------|----------------|--------------|----------------|---------------|-----------------|
| Mon | Archaeol (18) | Inhibitors (1) | Microbial (8) | Tribo (15) | Marine (7) | WS NDT | Standardization |
| Tue | Archaeol (18) | Inhibitors (1) | Microbial (8) | Tribo (15) | Marine (7) | WS Microscopy | ? |
| Wed | Fracture (4) | Concrete (9) | Aerospace (19) | Failure (21) | Cath Prot (13) | Workshop 3 | ? |
| Thu | Fracture (4) | Concrete (9) | Aerospace (19) | Failure (21) | Cath Prot (13) | Workshop 4 | ? |



	No. of Negative Infections	No. of Standard Infections	Score
1 Corrosion and Scale Inhibition	3	28	17
2 Corrosion of Metal Beams and Combustion Products	3	28	16
3 Nuclear Corrosion	6	22	19
4 Environmental Sensitive Practice	3	22	18
5 Corrosion Mechanisms, Methods and Modeling	6	22	18
6 Corrosion Simulation	3	22	0
7 Thermal Corrosion	3	28	10
8 Material Corrosion	3	28	31
9 Corrosion of Steel in Concrete	3	22	13
10 Corrosion in Oil & Gas Production	3	28	33
11 Coatings	6	22	40
12 Corrosion in the Pulp and Paper Industry	3	22	7
13 Galvanic Protection	3	22	18
14 Cathodic Corrosion	3	28	40
15 Tribocorrosion	3	28	8
16 Corrosion of Polymer Materials	3	22	7
17 Corrosion & Corrosion Protection of Drinking Water Systems	3	28	11
18 Corrosion of Archaeological and Historical Artefacts	3	22	8
19 Corrosion in Concrete	3	22	8
20 Corrosion of Biomaterials	3	28	0
21 Failure Analysis and Lifetime Prediction	3	22	

OR OII

+ 10 primary Infections

IPC Test: Pass: Corrosion Inhibition of Biomaterials 12

IPC Test: Pass: COI-Corrosion in COI-Applications 0

Hydrogen in oil, marine and EOP 16

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

Prague Congress Centre

	Floor	Capacity							Total area sq.m.	Width m	Length m	i
		Theatre	Round	School	TU	Cabare	Bar/fit	Bar/fit				
Congress Hall	1-4	2154							4 2140	34.0	350	2.6-12.0
Congress Hall - center	1-2	1775							2 0550	34.0	350	2.6-12.0
Congress Hall - reduced center	1-2	1270							2 0550	34.0	350	2.6-12.0
Congress Hall - balcony	4	235							1 8260	34.0	350	2.6-12.0
Forum Hall	2-4	1024	330	730		470	1200	800	1 8734	35.0	470	19.40
Forum Hall - center	2	648	330	430		300	800	420	1 0774	35.0	470	19.40
Forum Hall - balcony	2-4	336	230	230		170	400	170	7261	35.0	470	19.40
South Hall	3	800	520	480		294	900	420	1 0030	28.0	400	3.05
Meeting Hall I	1	430	400	300		181	500	200	3451	21.0	280	3.85
Panorama Hall	1	410	370	240		154	500	200	3521	21.0	270	3.45
Small Hall	0	200	230	220		133	350	90	4111	18.0	280	3.80
Meeting Hall IV	2	240	200	150		77	250	110	2761	13.0	210	3.20
Meeting Hall V	2	240	200	150		77	250	110	2761	13.0	210	3.20
Conference Hall	4	220	170	170		91	240	100	3821	18.0	240	3.6-5.1
North Hall	2	220	200	140		84	280	100	3591	12.0	270	3.05
Club A	1	190	170	120	35	49	160	70	1841	15.4	100	3.45
Club B	1	190	170	120	35	49	160	70	1841	15.4	100	3.45
Club M	1	190	170	120	35	49	160	70	1841	15.4	100	3.45
Chamber Hall	3	180	170	100		63	230	90	2731	15.0	180	3.6-4.3
Temple 1	2	180	140	120	30	70	240	100	3631	13.0	240	3.20
Small Theatre	0	180	20	20	80	35	230	80	1731	12.7	144	3.00
Temple 2	2	120	100	20	80	35	200	80	2201	8.5	300	3.20
Meeting Hall II	1			round table	24				241	8.0	110	3.80
Meeting Hall III	2			round table	12				171	8.0	90	3.15
Club E	1	30	30	30	29	28	30	40	551	9.0	100	3.45
Club C	1	30	30	30	28	28	75	40	521	8.2	100	3.45
Club D	1	30	30	30	29	28	30	40	571	9.0	100	3.45
Congress Foyer Ground floor A	0					322	1400	400	1 3400	25.0	110.0	2.9-12.8
Congress Foyer Ground floor B	0					182	1200	300	1 3000	17.0	105.0	2.9-12.8
Congress Foyer 1st Floor A	1					105	700	150	9401	20.0	35.0	3.45
Congress Foyer 1st Floor B	1					140	800	200	9801	28.0	37.0	3.45
Congress Foyer 2nd Floor	2					830	2000	300	2 5555	27.0	110.0	2.9-11.0
Congress Foyer 3rd Floor	3					392	1200	300	1 5720	27.0	110.0	3.05
Congress Foyer 4th Floor	4					392	1200	300	1 5830	27.0	110.0	3.05
Forum Foyer 1st Floor	1					210	1000	300	1 1940	27.0	70.0	3.45
Forum Foyer 2nd Floor	2					210	1150	300	1 4470	25.0	70.0	2.9-7.0
Forum Foyer 3rd Floor	3					154	800	200	9771	22.0	60.0	3.05



joint EUROCORR 2017 and 20th ICC

ICC financial requirements

- free of charge: hotel, fee, banquet for EC ICC (5 persons)
- 50 % refund. of travel costs for EC ICC (5 persons) and invited speakers
- 5 % levy from registration fees

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



joint EUROCORR 2017 and 20th ICC

ICC organizing requirements:

Organizing Committee appointed by AKI

Congress officers:

- The president of the congress (from CR) appointed by Honorary Committee
- The 1st vice-president (chairman of ICC)
- The 2nd vice-president (vice-chairman of ICC)
- Honorary Committee (up to 15 corrosionists) approved by EC ICC



joint EUROCORR 2017 and 20th ICC

Proposal of organizing structure:

Local Organizing Committee appointed by AKI

Congress officers:

- **International Scientific Honorary Committee** (up to 15 corrosionists approved by EC ICC **plus EFC WP chairmen, and STAC and BoA members**)
- The president of the congress (from CR) appointed by **International Scientific Honorary Committee**
- The **1st vice-presidents and chairmen of International Scientific Committee** (president of EFC, chairman of ICC, vice-president of EFC, **1st vice-chairman of ICC**)
- ~~The 2nd vice president (vice chairman of ICC)~~

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



joint EUROCORR 2017 and 20th ICC

Social programme

- Welcome party, poster party in the Prague Congress Centre
- Students party in Strahov Monastery Restaurant
 - Presidential Dinner – *to be specified*
 - Gala Dinner – Municipal House



EUROCORR 2018 - Krakow (Poland) - Initial Progress Report



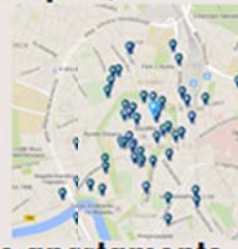
EUROCORR 2018 - Krakow (Poland) - Initial Progress Report (Continued)

EUROCORR 2018 – CRACOW, POLAND

Talks with Krakaw's hotels

The city offers (within 30 min. walking distance or ten minutes drive/public transport):

- **980 rooms in 5-star hotels**
- **2 500 rooms in 4-star hotels**
- **3 220 rooms in 3-star hotels**



Additional hostels and private apartments are available

INVOLVEMENT OF POLISH SCIENTIFIC ORGANIZATIONS



Road and Bridge Research Institute



Institute for Engineering of Polymer Materials and Dyes



Building Research Institute



Warsaw University of Technology



Silesian University of Technology



Czestochowa University of Technology



Institute of Precision Mechanics



Wrocław University of Technology

EUROCORR 2018 - Krakow (Poland) - Initial Progress Report (Continued)

INVOLVEMENT OF POLISH INDUSTRY ORGANIZATIONS

 Polish Chamber of Steel Structures	 Polish Galvanizing Association	 Polish Committee for Electrochemical Corrosion Protection
 The Polish Association of Bridge Engineers	 Office of Technical Inspection - Certification and Conformity Assessment	 Polish Association of Construction Engineers and Technicians

EUROCORR 2018 – CRACOW, POLAND



**SEARCH FOR SPONSORS
– SUSPENDED UNTIL SIGNING OF AGREEMENT**

EUROCORR 2018 - Krakow (Poland) - Initial Progress Report (Continued)**EUROCORR 2018 – CRACOW, POLAND****PROVISIONAL BUDGET FOR EUROCORR 2018 - ESTORIL SCENARIO**

INCOMES		OUTCOMES	
Registration fees	430 000 €	Congress Center	100 000 €
		Catering	78 000 €
		Promotion and Publications	17 000 €
Sponsors		Secretariat	25 000 €
		EFC and PSK Levy	91 000 €
		Miscellaneous	104 000 €
Total	430 000 €	Total	415 000 €

EUROCORR 2018 – CRACOW, POLAND

**EXPECTED NUMBER
OF PARTICIPANTS: 900**

STRUCTURE :

Academics : 65%
Industrialists : 15%
Students : 10%
Complimentary : 5%
Committee : 5%

Early registration :

Member EFC : 630 Euro
Non-member EFC: 700 Euro
Students : 200 Euro
Others : 290 Euro
Committee : free of charge

Late registration:

Member EFC : 700 Euro
Non-member EFC : 800 Euro
Students : 300 Euro
Others : 300 Euro

Profit estimate highly dependent on participation