



**EUROPEAN FEDERATION OF CORROSION
EUROPÄISCHE FÖDERATION KORROSION
FÉDÉRATION EUROPÉENNE DE LA CORROSION**

**MINUTES OF THE WP4 FALL MEETING
HELD IN SHERATON ISTANBUL MASLAK HOTEL AND CONGRESS CENTER
ISTANBUL, TURKEY
WEDNESDAY, SEPTEMBER 12TH, 2012**



Written by:

Benoît Gwinner

Diffusion:

Present and apologized participants

Roman Bender (EFC Scientific Secretary)

Juliet Ippolito (EFC Public Relation Officer)

Ines Honndorf (EFC Website)

EFC WP4 "NUCLEAR CORROSION"

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|---------------|-----------------|------------|------------------------|------------------|-------------------------------|
| Chairman | Damien Féron | CEA/Saclay | DEN/DANS/DPC/SCCME | Bât. 458 - PC 50 | F-91191 GIF SUR YVETTE Cedex |
| Vice-Chairman | Thierry Couvant | EDF | DMMC - Les Renardières | BP46 | F-77818 MORET SUR LOING Cedex |
| Secretary | Mylène Belgome | CEA/Saclay | DEN/DANS/DPC/SCCME | Bât. 458 - PC 50 | F-91191 GIF SUR YVETTE Cedex |



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Attendance:

| | |
|------------------|------------------------------------|
| Odile De Bouvier | EDF, France |
| Damien Féron | CEA, France |
| James Grosvenor | Rolls-Royce + 10M3, United Kingdom |
| Benôit Gwinner | CEA, France |
| Renate Kilian | AREVA NP GmbH, Germany |
| Christina Lilja | SKB, Sweden |
| Raul Rebak | GE Global Research, USA |
| Stefan Ritter | PSI, Swizerland |
| Marion Roy | CEA, France |
| Marco Wehrfritz | GRS mbH, Germany |

Apologies for absence received from:

| | |
|------------------------|--|
| Mylène Belgome | CEA, France |
| Robert Cottis | University of Manchester, UK |
| Thierry Couvant | EDF, France |
| Frank Druyts | SCK-CEN, Belgium |
| Miroslava Ernestova | NRI Rez, Czech Republic |
| Dolores Gomez Briceño | Ciemat, Spain |
| Catherine Guerre | CEA, France |
| Anders Jenssen | Studsvik, Sweden |
| Torill Marie Karlsen | HRP, Norway |
| Valérie L'Hostis | CEA, France |
| Stuart Lyon | Manchester University, UK |
| Jan Macak | Institute of Chemical Technology, Czech Republic |
| Virginia Madina Arrese | Tecnalia, Spain |
| Anders Molander | Studsvik, Sweden |
| Cristiano Padovani | NDA, UK |
| Ellen Pavageau | EDF, France |
| Bo Rosborg | Rosborg Consulting, Sweden |
| Peter Scott | Consultant, France |
| Hans-Peter Seifert | PSI, Switzerland |
| Nick Smart | AMEC Nuclear Holdings Limited, UK |
| Marc Vankeerberghen | SCK-CEN, Belgium |
| Ian Woolsey | Morson International, UK |

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Enclosures:

* Document available only on the private space of the EFC WP4 website, for WP4 Members

- ✓ Annex 1 Agenda of the Istanbul meeting
- ✓ Annex 2 Slides presented by D. Féron at the Istanbul meeting*
- ✓ Annex 3 Proposed rules for Poster Prize, Oral Prize and Honorary Medal of the WP4*

EFC WP4 "NUCLEAR CORROSION"

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1. OPENING AND APPROVAL OF THE AGENDA

D. Féron opened the Fall Meeting and thanked the audience for coming. The agenda was presented and approved, as no comments were made.

2. APPROVAL OF THE MINUTES OF THE STOCKHOLM 2011 FALL MEETING

The minutes were sent by e-mail in July 2012. As no comment was received by D. Féron, these minutes were approved. From now, D. Féron proposed to approve the future minutes by e-mail (approved by the audience).

3. EFC INTERNAL MATTERS

A short presentation of the WP4 (history, objectives, rules) was made.

An e-mail was sent by M. Belgome by mid-August to update the member list (120 members in the previous list established in 2008): 40 were not good and 35 responses were received. R. Kilian said she had not received the e-mail.

D. Féron presented the objectives of the next 3-year plan (2012-2014):

- ✓ To provide links between European teams and EU funded programs in nuclear corrosion field, with an opening on to the world
- ✓ To initiate and stimulate opportunities of exchanges on scientific and technical subjects related to nuclear corrosion, particularly on today's main nuclear research areas: waste systems, water reactors, generation IV and fusion reactors
- ✓ To promote corrosion science and technical developments by events such as seminars, workshops, publications, ...

Among other things, it is proposed to integrate a Workshop of the European PERFORM60 program to EUROCORR'2013.

4. EFC WP4 AWARDS & EXCHANGES

The following proposals were done to "reinforce" actions of the 3 year plan (from the Stockholm meeting):

- ✓ Prizes : one for "poster" and one for "oral" communications
- ✓ "Honorary medal" of the Nuclear Corrosion Working Party
- ✓ Visits/exchanges of "young" engineers and researchers

4.1. Poster prize

- ✓ In EUROCORR' 2012, 10 proposals for a poster presentation were done by the EUROCORR Scientific Comity. Only 03 authors accepted to present their work as a poster. Only 01 was effectively presented during EUROCORR'2012. As a consequence, the best poster price was not given in 2012.
- ✓ The criteria for the selection of the best poster were presented (approved).
- ✓ S. Ritter asked if there was a sponsor for the poster price. It seemed to be a good idea.
- ✓ It is asked if a name could be given to the poster price. Several suggestions were made: "Coriou Prize", "2013 Working Party on Nuclear Corrosion Prize". D. Féron is open to others suggestions.
- ✓ "The Jury for the award will be composed of three persons including the Vice-Chairman of the EFC WP4 (or a designed representative) and two other members chosen during the meeting of the EFC

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WP4 that immediately precedes the conference or by an Email ballot prior the EUROCORR and organized by the Vice-Chairman". The choice of the Jury could appear to be too restricting and could evolve in the future.

- ✓ The proposed rules for Poster Prize are enclosed as an Annex to these minutes and are open to any evolution.

4.2. Oral prize

- ✓ The proposed rules for Oral Prize are similar to those for the Poster Prize. These rules are enclosed as an Annex to these minutes.
- ✓ "The Jury for the award will be composed of the Vice-Chairman of the EFC WP4 (or a designed representative) and the chair(s) of the nuclear corrosion session(s) and of the workshop(s) supported by the EFC WP4".
- ✓ The addition of a limit age was discussed. This appeared to be too restricting and it may be difficult to know the age of all the participants, but everybody agreed with the fact that the Oral Prize should be awarded to a "young researcher" (without precise limit).
- ✓ A suggestion was proposed for the prize (M. Roy): a cheque for buying an EFC scientific book. D. Féron will ask the new EFC Series editor to know if it is possible.

4.3. Honorary Medal

- ✓ The proposed rules for Honorary Medal of the WP4 are enclosed as an Annex to these minutes. The point 6 will be modified as follows: "The recipient of the award is designated by a Jury presided by the Chairman of the EFC WP4. The Jury shall consist of the Chairman and the Vice-Chairman of EFC WP4 and three members nominated by EFC WP4 members."
- ✓ Everyone agreed to the necessity to find a sponsor. The research of such a sponsor is open to all members. General Electric could agree (P. Rebak), but D. Féron would prefer a European Company. R. Kilian (AREVA) proposed to ask their French colleagues.
- ✓ A name for the Honorary Medal has to be chosen; "Coriou Medal" was proposed.
- ✓ D. Féron proposed to discuss these points (sponsor and name) during the next Spring Meeting of the EFC WP4 (see point 6.).

4.4. Visits/exchanges of "young" engineers and researchers

- ✓ A Swedish proposal (B. Rosborg) could finally not be done in 2012. It is reported to 2013.
- ✓ D. Féron suggested exchanges in relation with the Société Française d'Energie Nucléaire (SFEN).
- ✓ R. Kilian explained that such visits/exchanges (in general) are not successful because of the language difficulties and the time cost.

5. EFC WP4 PUBLICATIONS

In addition to those presented in the slides, S. Ritter mentioned that a special issue will be edited in Corrosion Engineering Science and Technology at the end of 2012.

The following publication is cancelled: "Corrosion issues in nuclear industry today", Springer Publishing, (Th. Couvant, S. Ritter and B. Kursten), then called "Degradation, modelling and mitigation of SCC in LWRs".

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6. EFC WP4 EVENTS

- ✓ The next annual ECG-COMON meeting will be organized in June 10-11th 2013 in Paris. S. Ritter proposed that the next Spring Meeting will be organized the afternoon. Two main subjects will be discussed: the Medal awards (see point 4) and the organization of the Summer School (see below).
- ✓ The dates of NUCPERF 2012 given in the slide n°15 are false. The right ones are November 12-14th, 2012.
- ✓ The 5th International Workshop on "Prediction of Long Term Corrosion Behaviour in Nuclear Waste Systems (LongTermCor2013)" will be organized for the first time in Japan (October 06-10th, 2013).
- ✓ Summer School "Nuclear Corrosion": A. Legat (Slovenia) offered to organise the 2nd Summer School. For the choice of the date, he explained that if the decision to organize such a Summer School is taken in 2012, the School could not be organized before 2014 (August?). S. Ritter said he has already built a program for the school. The organization this Summer School "Nuclear Corrosion" will be specifically discussed during the next Spring Meeting.

7. EFC WP4 WEBSITE

The WP 4 website is described and shown. It is updated frequently thanks to S. Ritter. The audience is encouraged to pass by from time to time and/or feel free to send events or any other useful information to [S. Ritter](#).

The address is: http://www.efcweb.org/Working_Parties-p-104085/WP_4.html.

A restricted area (for members only) has been added to the WP4 website. The password provided only to members is given by S. Ritter on request.

D. Féron expressed his thanks to S. Ritter for taking care of the WP4 website.

8. EUROCORRS

- ✓ EUROCORR'2013, 01-04 September, Lisbon (Portugal). D. Féron awaits proposals during the next months concerning the organization of a special Workshop during EUROCORR' 2013.
- ✓ EUROCORR'2014, 08-12 September, Pisa (Italy)
- ✓ EUROCORR 2015, 06-10 September 2015, Graz (Austria)

9. MISSING ITEMS, CONCLUSION AND CLOSURE

The meeting is closed as no other point is raised.

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Enclosure 1:

- ✓ Annex 1 Agenda of the Istanbul Meeting

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Fall meeting of the Nuclear Corrosion Working Party (EFC WP4)

Wednesday, 12 September 2012 (16h10-18h)

Sheraton Istanbul Maslak Hotel and Congress Center, Room "Mars"
Istanbul, Turkey

(Information are given on the Eurocorr website <http://www.eurocorr2012.org>)

The proposed agenda is the following:

1. Opening of the meeting, apologies for absences and approval of the agenda
2. Approval of the minutes of the Stockholm 2012 fall meetings
3. EFC WP4 internal matters
 - Short presentation of the EFC WP4
 - The 3 years plan
 - WP4 member list
4. EFC WP4 Awards & Exchanges
5. EFC WP4 Publications
 - Books & special issues already published
 - Future publications
6. EFC WP4 past events
7. EFC WP4 future events
8. EFC WP4 website
9. EUROCORR's
10. Missing items
11. Closure



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Enclosure 2:

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- ✓ Annex 2 Slides presented by D. Féron at the Istanbul meeting

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Enclosure 3:

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- ✓ Annex 3 Proposed rules for Poster Prize, Oral Prize and Honorary Medal of the WP4

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