

Working Party 9 "Marine Corrosion" (EFC WP9)

Minutes of the Meeting¹

11 September, 2019, Seville, Spain

Chair: Philippe Refait, University of La Rochelle, France; philippe.refait@univ-lr.fr

Vice-chair & Secretary: Shiladitya Paul, TWI & University of Leicester, UK; shiladitya.paul@twi.co.uk

Summary of main discussions

- Approval of the minutes of the 2018 meeting of the WP
- Links with other organisations like NACE, DNV etc.
- The WP to organise Joint sessions with WP10 (Microbial corrosion), WP16 (Cathodic protection) and WP21 (Archaeological and Historical Artefacts)
- The WP will look into the possibility of publishing selected papers from Eurocorr 2020 in a special issue of Materials and Corrosion (Journal).

Attendees (16)

Name	Affiliation	Country	E-mail
Philippe Refait	La Rochelle University	France	philippe.refait@univ-lr.fr
Isabel C.P. Margarit-Mattos	UFRJ	Brazil	margarit@metalmat.ufrj.br
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Shiladitya Paul	TWI & the University of Leicester	UK	shiladitya.paul@twi.co.uk

¹ Meeting notes prepared on 12 September 2018

1. Welcome and introduction

The meeting was opened by the Chairman, Philippe Refait, who presented the agenda and introduced the committee. The meeting was held before the end of the marine corrosion session to encourage more participation.

2. Apologies for absence

Several people send their apologies. The chair acknowledged that some interested members were not able to attend due to other commitments.

3. Approval of the minutes of the last meetings

The minutes of the last meeting (held in Krakow) was made available to the members of WP9. There were no objections and the minutes were approved.

4. Report from the STAC meeting

The chair updated the meeting on the discussions held in the Science and Technology Advisory Committee (STAC) meeting. The highlights are as under:

- Eurocorr 2020 will include a workshop on corrosion issues in 'Green Energy'. This will include work on renewable energy in the marine sector.
- It has been recalled by the STAC that the working party meetings are organised for the members of the EFC.
- The Task Force on CO₂ corrosion for Industrial applications is now a working party (WP).
- It was proposed that extended abstracts (2 pages) could be submitted to the Eurocorr conference instead of full papers. This will provide sufficient information to understand the work carried out without burdening the authors with excess work.

5. Report from Eurocorr 2019

Approximately 1250 participants registered for Eurocorr 2018 (data gathered on Saturday 07th) so the number is likely to be more); 217 posters and 700 presentations were received. The WP9 received several papers with 24 selected for oral presentations, but only 21 were presented. Joint sessions (JS) were also held in conjunction with WP10 (microbial corrosion) and WP16 (cathodic protection). Several oral presentations were organised in the joint sessions:

- 7 oral presentations in JS with WP10
- 5 oral presentations in JS with WP16
- 3 oral presentations in "Management of Corrosion, which was a JS between WP9, WP4 (Nuclear Corrosion) and WP16 (Cathodic Protection). However, one speaker was missing.

The attendance was between 30 and 50 per talk for WP9 session. Behaviour of several materials in marine environments was presented by authors. The talks represent a good balance of contribution from academia and industry. A similar attendance was observed for the JS with WP10, while up to 60 attendees were present for the JS with WP16.

For the "Management of Corrosion" session, which was held on Friday morning at the end of the conference, the attendance was 19, which is really satisfactory.

6. EFC series "green books"

Philippe Refait discussed a project on EFC "green books". A guide on seawater cooling systems in collaboration with WP15 (Corrosion in the Refinery Industry) is in progress. For WP9, Anne-Marie Grolleau is working on a chapter of this in the green book. The publication is expected for 2022.

7. Marine Corrosion session for Eurocorr 2020

It has been proposed to organise a general session on marine corrosion and joint sessions with other WPs regarding the following topics:

- Microbial corrosion in Marine Environments with WP10
- Cathodic protection in marine environments with WP16
- WP9 to propose a special issue on Marine Corrosion in 2020. Lars Lichtenstein liked the idea and thought that if time permits he can provide a short article, but he is not concerned about the full journal paper as this takes a lot of effort. He supported the proposed extended abstract from an Industry point of view where publication in a journal is not required.
- Joint session between WP9 and WP21 (Archaeological and Historical Artefacts)

8. Activities of WP9

A special issue on 'Marine Corrosion' was planned last year, but we only managed 5 papers. The Materials and Corrosion June 2019 issue (Volume 70, Issue 6/2019) had a preface from Philippe Refait and Shiladitya Paul and the issue included the 5 accepted papers. It is assumed that the impact factor is not suitable for the academics as they may only consider high impact journal for publications. Shiladitya Paul noted that special issues got a lot more visibility and this is something the contributors should consider. There was some discussion on the initiative to have another special issue next year. Philippe Refait suggested that the committee will consider this for Eurocorr 2020.

9. Any other business and new initiatives

Isabel C.P. Margarit-Mattos noted that the WP has not participated in any Joint sessions with the coatings WP. She suggested that the WP should collaborate with researchers in this area and the WP meeting can be used as the forum for discussion. There was general support in the room and Philippe Refait noted that WP9 is working with other WPs so this would be something he would consider in the next few months. All members of the WP are encouraged to suggest topics/research areas that could be considered for future Marine Corrosion sessions.

10. Date and venue of the next meeting

The next meeting of EFC WP9 will be organised during Eurocorr 2020 in Brussels, Belgium. No intermediate meeting is planned.

11. Meeting closure

Philippe Refait thanked everyone for their continued support for the WP activities. He closed the meeting and encouraged the attendees to provide feedback on the topics covered in the meeting.