

Minutes of the WP21 fall meeting
held at the Hotel Berlin Central District, Berlin, Germany
1st September 2022

Written by Delphine Neff, David Watkinson, Sabrina Grassini

Diffusion

Meeting participants

EFC WP21 members

Roman Bender (EFC Scientific Secretary)

Hélène Illaire (EFC Executive Secretary)

Attendance

20 to 50 persons

Content

1. Agenda approval
2. Presentation of the WP21 for new members
3. Website
4. Joint session Eurocorr 2023 in Brussels
5. New green book for the WP21 "Filling the gap"

Chair Delphine Neff, CEA, France

Vice-chair David Watkinson, U. Cardiff, UK

Secretary Sabrina Grassini, Politecnico Torino, Italy

1. Opening and approval of the agenda

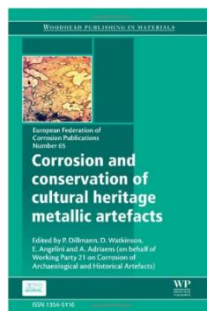
D. Neff opened the Fall meeting and thanked the audience for coming. Agenda was presented and approved, as no comments were made.

2. Presentation of the WP21 for new members

D. Neff remembered the aim of the working party dealing with the improvement and scientific exchanges

Previous publications of the WP21 are two Green books:

- Corrosion of metallic heritage artefacts (EFC 48) 2007
- Corrosion and conservation of cultural heritage metallic artefacts (EFC 65) 2013



And one Special issue: Corrosion of Archaeological and Historical Artefacts

- in Material and Corrosion, 2016, 67, 2, 113-218



Participation at the WP22 session in Eurocorr this year

10 oral presentations

Chair Delphine Neff, CEA, France

Vice-chair David Watkinson, U. Cardiff, UK

Secretary Sabrina Grassini, Politecnico Torino, Italy

3 posters

The session was a success with about 30 to 50 regular participants.

3. Website

D. Neff remembers the participants of the WP to send the information about the events in the field of corrosion and cultural heritage in order to animate the webpage:

- conferences,
- special sessions for cultural heritage in conference
- workshops,
- classes etc...

The webpage can be also supplied by job offers, publication that are concerning the community.

<http://efcweb.org/WP+Corrosion+of+Archaeological+and+Historical+Artefacts.html>

4. Joint sessions

a. with the WP9 Marine corrosion

A joint session will be coorganised with the working party 9 Marine corrosion in Eurocorr 2023. The aim is to state the recent advances in the recent projects investigating corrosion mechanisms and protection system in seawater and in marine atmospheric corrosion...

b. With the WP1 Microbial corrosion

The aim is to make a survey on the influence of the microbial activity on the corrosion and on the protection of ancient metals

5. Green book on “Filling the gap”

This book explores decision-making processes for preserving heritage metals and examines the collaborative, interdisciplinary relationships that underpin them. Conservation practitioners seek predictable and successful procedures and treatments for controlling corrosion of heritage metals that conform to aesthetic and ethical boundaries set by prevailing cultural, historical and archaeological contexts. Understanding metallic corrosion and its prevention is informed by scientific research provided by heritage scientists, conservators themselves and, to a lesser extent, corrosion scientists who may be in academia or industry.

Chair Delphine Neff, CEA, France

Vice-chair David Watkinson, U. Cardiff, UK

Secretary Sabrina Grassini, Politecnico Torino, Italy

Through themed chapters, this book is designed to develop and strengthen collaboration between these three groups of professionals, creating a synergy that benefits research and practice for the preservation of heritage metals. It builds an overview of metals conservation across a broad range of heritage contexts, from indoor museum displays to fixed outdoor structures and moving objects. Researchers and practitioners provide critical insight into corrosion problems within heritage, current corrosion mitigation procedures and the evidence supporting best practice guidance. This identifies focus points for further research to improve and refine understanding of treatments and develop new preservation approaches.

The reader gains a holistic understanding of heritage metals preservation and the thought processes of practitioners. Corrosion scientists are able to identify how their expertise and knowledge can contribute to research which will evidence best practices in treatment and management of metallic heritage. For the student reader, the book provides a blueprint for the way forward for conservation research, by demonstrating how multidisciplinary collaborative approaches offer the best opportunity for developing conservation treatments.

- **Deadline submission for the papers**
 - **sep 2022**
- **Editor: Elsevier, EFC green book collection**
- **Review process in preparation**
 - **Reviewers will be asked in october (review on pdf file)**

6. Other

It was suggested to invite for a keynote a person of the cultural heritage field (museum, heritage laboratories...) in local (to limit the costs) for each next Eurocorr meeting