



WP 14 “Coatings”

Invitation and Agenda

Business Meeting of the EFC Working Party "Coatings"

30th August 2022, 16:40 – 17:20 h

Hotel Berlin Central District, Hall Berlin B

The next official meeting of the Working Party “Coatings” will be held in Berlin on the occasion of the Eurocorr 2022 Congress, on Tuesday, 30th August 2022 at 16:40 h in the same room as the Coatings session.

The agenda is the following:

- Adoption of the Agenda
- Short report of the Chairman
- EUROCORR 2023
 - Coatings sessions
 - Joint sessions with other EFC Working Parties
- AETOC 2024
- European projects and related activities
 - VIPCOAT
 - Any others?
- Publications
 - Special EUROCORR issue in CMD (MDPI)
 - Green books
- Report on ISO activities
- any other business
- date and place of the next meeting.

Please do not hesitate to contact me for any further suggestions!

A handwritten signature in blue ink, appearing to read 'W. Fürbeth', is positioned above the printed name.

Wolfram Fürbeth
Chairman of the Working Party 14 “Coatings”



**WP14 “COATINGS”
Business Meeting
30th August 2022, Berlin**

EUROCORR 2022

WP14 Business Meeting 2022

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WP14 Report 2022

- Working Party activities -



- EUROCORR 2022
 - less submissions than in the past; all wishes for oral could be fulfilled; after several cancellations no parallel sessions necessary anymore
 - established structure: organic, inorganic, metallic coatings, pretreatments and self-healing / smart coatings
 - Joint sessions with other working parties
 - Coatings for high temperatures (with WP 3)
 - Polymers in Organic Coatings (with WP 19)
 - Modelling Sustainable Active Protective Coatings (VIPCOAT EU project + other WPs)

WP14 Report 2022

- Working Party activities: AETOC 2022 -

12th International Workshop “Application of Electrochemical Techniques to Organic Coatings” (AETOC)

Cavalese – Val di Fiemme, Italy, 29 March – 1 April 2022



WP14 Report 2022

- EFC News -

- New term of office from 2023:
 - EFC Presidency: Tomas Prosek, Gareth Hinds
 - STAC Chairman: Stefan Ritter
 - new BoA members
- New TF on Corrosion of Biomedical Implants and Devices
- Forthcoming EUROCORRs:
 - 2023, August 27-31, Brussels, Belgium
 - 2024, September 01-05, Paris, France
 - 2025, September xx-xx, Stavanger, Norway

WP14 at EUROCORR 2023

- Coatings sessions:
 - Organic
 - Inorganic
 - Metallic
 - Pretreatments
 - Self-healing and smart
- Joint sessions with other WPs
 - Coatings for high temperatures
 - Polymers in Organic Coatings
 - VIPCOAT

AETOC 2024

- The Netherlands
- To be organised by Arjan Mol

Further activities in WP14

- European projects

- VIPCOAT
- others?



- Publications

- CMD Special Issue from EUROCORR 2022
- Green Book series (Elsevier) ???



*corrosion and
materials degradation*

- ISO activities on electrochemical methods (Jörg Vogelsang)

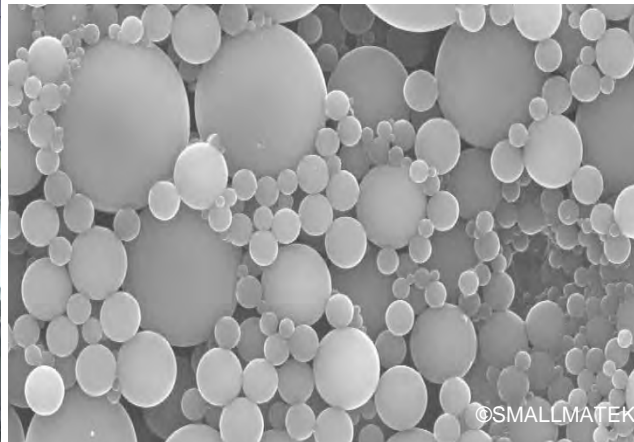
- Round robin test on EIS

- Other activities to be suggested ???



VIPCOAT

Virtual Open Innovation Platform for Active Protective Coatings Guided by Modelling and Optimization



VIPCOAT project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952903

Main project features

- EU Programme: H2020-NMBP-TO-IND-2018-2020
- Topic: DT-NMBP-11-2020 **Open Innovation Platform for Materials Modelling**
- Research & Innovation Action
- Grant Agreement **952903**

Coordinator:

Helmholtz-Zentrum Hereon

Dr. Natalia Konchakova

Contact: natalia.konchakova@hereon.de

- Start: **May 2021**
- End: April 2025
- Overall budget **€ 5 519 625**





- Establish an **interoperable Open Innovation Platform** for the development of **active protective coatings** and corresponding **accelerated tests** for assessing their in-service durability.
- Promote development of a **greener technology for active protective coatings** based on **materials modelling** and **optimization**.
- Implement **Quadruple Helix Innovation Model** for the project development and utilization to drive **Open Innovation Process**.
- Provide **collaboration** and **link** with other Open Innovation Platforms, Open Translation Environments, Business **Decision Support Systems** and other relevant services.



Further activities in WP14

- European projects

- VIPCOAT
- others?



- Publications

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Guest Editors:

Prof. Dr. Wolfram Fürbeth

(DECHEMA Research Institute, France)



Prof. Dr. Marjorie Olivier

(University of Mons, 7000 Mons, Belgium)



Special Issue "Advances in Corrosion Protection by Coatings"

Coatings are a very important way of protecting metals against corrosion in many applications. Therefore, the variety of coating methods is relatively broad. Metallic coatings may be used as barrier-type layers, such as nickel-based coatings, or can even provide cathodic protection for an underlying metal, such as zinc-based coatings on steels.....

This Special Issue is based on different Coatings sessions and the joint session on polymers in organic coatings from the *EUROCORR 2022*. Those who will give oral presentations in these sessions are invited to submit a full paper of their research for **free**. Completely original submissions from the coatings community are also welcome.

Website: https://www.mdpi.com/journal/cmd/special_issues/Corrosion_coat

Submission deadline: 30 November 2022

Contact: cmd@mdpi.com

Please click **Submit to Special Issue** on the webpage to upload your paper



Advances in
Corrosion Protection
by Coatings

Guest Editors

Prof. Dr. Wolfram Fürbeth
Prof. Dr. Marjorie Olivier

Deadline

30 November 2022

Special Issue

Invitation to submit

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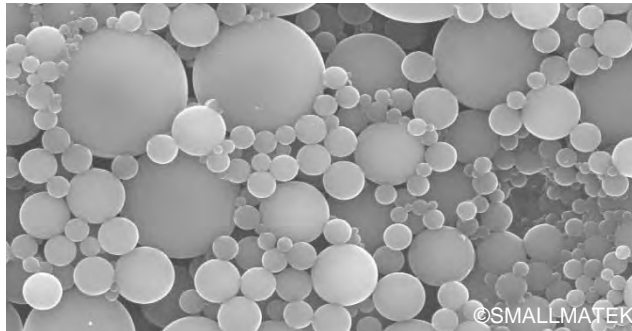
VIPCOAT



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