



EuroMIC & Marine Corrosion Symposium

18.04.2024 - 19.04.2024

Endures, Fort Harssens,
METIP, Willemsoord
Den Helder, The Netherlands



60 years corrosion experience in-house

MIC & marine corrosion symposium

18.04- 19.04.2024

Endures, Fort Harssens, Den Helder, The Netherlands

Thursday 18.04.2023

EURO-MIC COST action meeting

8.30- 8.45 Opening, welcome

8.45-10.15

- MC meeting

10.15- 10.45 Coffee break

10.45- 12.00

- WG meeting

LUNCH break 12.00-12.45 navy club
(sponsored by END)

Afternoon event, networking:

→ 13.00- 14.30 Fort Harssens underground tour

Walk to the navy museum, 20min

→ 15.00- 17.00 navy museum , tour and visit of the submarine and old navy ship

Evening event:

19.00 DINNER at Fort Westoever

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Friday 19.04.2023

Morning session, METIP Willemsoord

Focus: Applied research, case studies

8.30- 8.50 Welcome coffee, registration

8.50- 9.10 “60 years corrosion expertise in-house” (END)

Keynote speaker:

9.10- 10.00 (40min talk, 10min questions)

Prof. Dr. Scott Wade, Swinburne University of Technology
(Melbourne, Australia)

*Accelerated Low Water Corrosion, Cathodic Protection
and MIC*

10.00- 10.20 Prof. Dr. Sergey Dobretsov, UNESCO Chair in
Marine Biotechnology, Department of Marine Science and
Fisheries, Sultan Qaboos University (Muscat, Oman)

*Investigation of marine microbial fouling: challenges and
perspectives*

10.20- 10.40 Joost van Dam, Endures (Den Helder, The
Netherlands)

Application of thermally sprayed aluminium (TSA) coatings in
brackish and marine environment

A practical approach to long-term protection of steel structures

10.40- 11.00 Coffee break

11.00-12.00 Start of demo/ interactive session, networking
→ Demonstration of different products and equipments
regarding MIC and corrosion detection, monitoring,
mitigation (Corrosion Alliance, Montipower, Innerspec,
Lagotec, Termanox)

→ MIC sampling, damage cases or environment

→ METIP tour

12.00- 12.45 LUNCH (sponsored by ENDURES)

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Afternoon session

Focus: Online monitoring/ sensing

Keynote speaker:

12.45- 13.35 (40min talk, 10min discussion)

Prof. Dr. Axel Homborg, Faculty of Military Sciences

Netherlands Defense Academy, Ministry of defense

(The Netherlands)

“Corrosion Detection and Classification with Electrochemical Noise”

14.35- 14.55

Dr. Krista van den Bergh, OCAS, R&D centre of ArcelorMittal

Global R&D (Gent, Belgium)

Use of corrosion sensors for exposure testing of saline resistant weathering steel in marine environment

14.55- 15.15

Dr. Geert Potters, University of Antwerp (Antwerp, Belgium)

“Seeking out corrosion – before it is too late”

15.15- 14.35

Dr. Maria Salta, Endures (Den Helder, The Netherlands) and Werner Smakman, Department of defence- defence material organisation (DMO)

Towards achieving zero GHG emissions by improving ship hull performance – advancements with the Dutch Navy

14.35- 15.00

Walk to ENDURES labs, 15min

15.00 start interactive session 2

→ Cleaning robot demonstration in the natural seawater basin

→ Demonstration of different products and equipments regarding MIC and corrosion detection, monitoring, mitigation (Microbial Analysis, ENDURES, Dutch Navy)

→ Labtour

16.00- 16.10 Closing, questions

16.10- 17.30 Network drinks and snacks