

EFC WP 13 working party minutes

EUROCORR 2018 Krakow Poland

10th September 2018 14:50 to 17:30

Introductions

Introduction made and sign in sheet circulated.

An announcement was made about no photos or recordings of the presentations. Since it is an informal meeting, detailed minutes of the presentations will not be made.

Matters arising from 2017 meeting in Prague

No comments on minutes.

It was noted that James Hesketh (NPL – UK) won the Anticor Prize for the best young person presentation in the Oil & Gas session. This was for his presentation on “The role of H₂S in pitting of stainless steel in sour oil & gas applications”. A certificate and the related money was handed out on behalf of prof. Alexander Muradov at the end of the 2017 conference.

Feedback from Science and Technology Advisory Committee (STAC) meeting

General

A course on corrosion inhibition will be organized by Working Party 1 (Corrosion and Scale Inhibition) in June – July 2019. More information is available from Gunter Schmitt.

The Task Force “CO₂ corrosion in industrial applications” (content dense phase CO₂ and CCS) exists for 5 years. It is chaired by Ralph Bässler. Stable attendance of 60 – 80 people. A decision will need to be made if the TaskForce can become a regular Working Party. There was a majority support in the STAC for becoming a WP. This was supported by the WP 13 membership.

There is discussion on a new initiative on Corrosion management. This includes monitoring, in line inspection, data handling, artificial intelligence, non-intrusive inspection. The idea is to get learnings from other areas such as aerospace included in the oil & gas section – cross learnings. A request was made for an upstream O&G liaison. Volunteers to contact the chair or co-chair.

WP 15 start working on a CUI green book on CUI. The green book on Amine Corrosion is being finalised.

A Young EFC mentoring program is being set up. There is a variety of activities on the EFC website. Currently there are 120 members: students, young engineers and scientists. There is a request for mentors (1 y commitment, at least 2 times per year a mentoring session). The contact in WP13 is Sytze. A EFC young engineer meeting was held at EUROCORR 2018.

Venues for the next EUROCORR Conferences

EUROCORR 2019 – Seville, Spain

EURCORR 2020 – Brussels, Belgium

EUROCORR 2021 – Budapest, Hungary

International Corrosion Counsel meeting 2020 – Sao Paolo, Brazil

Suggestions for joint sessions with other WP's or organisations are welcome. Contact chair or co-chair.

Relationships with other Institutes

Suggestions for joint sessions or closer collaboration with NACE are welcome. Within Oil & Gas the objective is to work closely together between the two complimentary organisations.

NACE 2018 TEG 374X

An overview of the Materials Information Exchange session at NACE was provided. This is the session where information for Upstream Oil & Gas is shared in an informal way, like in the EFC WP13 Business Meeting.

Technical contributions

No notes were taken for the presentation as per the procedure for WP 13. Topics are listed below:

- 1 Investigations in QA Tests for HE susceptibility of alloy 725
2. Cavitation corrosion in offshore manifold
- 3 CO2 corrosion is carbonic acid a cathodic reactant.
4. More realistic sulphide stress cracking test for well tubulars
5. HP HT environmental variables for materials selection
6. Pilot test on CI analysis – Titration of inhibitors by voltammetry
7. SSC cracking of HP of H2S of two OCTG materials VM95ssand VM110 XS
8. Management of corrosion in shale development
9. Young Engineer Program – Institute of Corrosion

AOB

There was no any other business.

Next meeting Seville at EUROCORR 2019