CED Working Day and Symposium on 'Managing Corrosion in Low-Carbon Energy Technologies'

Wednesday 28 April 2021

Free on-line Zoom meeting

EFC meeting number 470

A One Day Symposium organised by the Corrosion Engineering Division

Institute of Corrosion's Corrosion Engineering Division
SYMPOSIUM ON
'Managing Corrosion in Low-Carbon Energy Technologies'

This one day meeting will be the latest in a series of working days of the Institute of Corrosion's Corrosion Engineering Division. Owing to coronavirus restrictions, the meeting will again be held on-line, using Zoom. This year's meeting is also a designated EFC meeting. It will be wide ranging and cover many aspects of Managing Corrosion in Low-Carbon Energy Technologies. After the talks, the meeting will break up into the individual CED working groups, together with a general discussion group on managing corrosion in low-carbon energy technologies, excluding nuclear. Where possible, agendas for the working group meetings will be published separately in advance on the CED web site (http://www.icorr.org/about_icorr/technical_divisions.phtml). The 2021 Paul McIntyre Award will be presented after the morning lectures.

This working day will be a good opportunity to network with other corrosion professionals from different industry sectors and to learn about some of the latest developments in Managing Corrosion in Low-Carbon Energy Technologies, including wind, biofuels, nuclear, hydrogen power, and carbon capture, utilisation and storage. For information on becoming involved with CED working parties please see the CED web site or contact the Chair of CED, Nick Smart (nick.smart@jacobs.com). **For registration to attend the meeting, please complete and return the registration form below by post or email, or send the required information directly in an email to the ICorr admin office. Please also indicate which single working group meeting you wish to attend during the afternoon session**, so that you can be allocated to the corresponding breakout room in the Zoom session.

Final Programme (UK Time)

09:15-9:30	*Join Zoom meeting*	
9:30-9:45	Welcome and Introduction	Nick Smart Jacobs
9:45-10:15	Pipeline Materials in a Hydrogen Environment	Nancy Thomson, SGN and Julia Race, University of Strathclyde
10:15-10:45	Cathodic Protection of Offshore Wind Power - Design Using Upcoming ISO 24656	Birit Buhr Jensen Ørsted
10:45-11:15	*Refreshments break*	
11:15-11:45	Corrosion Challenges for Reliable Biorefineries	Francois Ropital IFP Energies Nouvelles
11:45-12:15	Advanced Testing methods for PWR Environments that Could Support Other Zero Carbon Technologies	Stuart Medway Jacobs
12:15-12:40	Presentation of Paul McIntyre Award and Recipient's talk	
12:40-13:30	*Lunch break*	
13:30-14:00	Methodology for Corrosion and Environmental Assisted Cracking Risk Assessment for Industrial Carbon Capture, Utilisation and Storage (CCUS)	Ivan Gutierrez and Brad Healey, OGC Energy and Matt Healey – Pace Flow Assurance Limited
14:00-16:45	CED Working Group Meetings *Including Refreshments break*	
16:45-17:00	Closing discussion	

Front cover RH Photograph: Taken from Wikipedia - https://commons.wikimedia.org/wiki/File:Wind_power_plants_in_Xinjiang,_China.jpg#file
Front cover LH Photograph: Solar powered hydrogen production plant in Fukushima. Taken from https://www.toshiba-energy.com/en/info/info2020_0307.htm

Registration Form for CED Working Day
Wednesday 28 April 2021

TITLE……NAME…….

ORGANISATION…….

ADDRESS……..……..

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POSTCODE……

TELEPHONE……

EMAIL……NATIONALITY……..

ICORR MEMBER (Y/N) IF YES, MEMBERSHIP NUMBER:

DATE:

For planning purposes please indicate with a tick which ONE working group meeting you are most likely to attend on 28 April. The list below shows the working group chairs, but not necessarily the chairperson on the day. Some working group meetings may merge, depending on demand.

☐ Nuclear (chair Nick Smart) ☐ Coatings (chair Phillip Watkinson) ☐ Oil and gas (chair Alistair Seton)	☐ Cathodic protection (chair Pablo Merino) ☐ Corrosion in concrete (chair Chris Atkins) ☐ General discussion group on corrosion in low carbon energy technologies (ex. nuclear)

There will be no charge for attending the on-line meeting, but pre-registration is required so that we can provide the Zoom link to the meeting.

To book, please follow ONE of the following options:

1. Mail the completed form to: Institute of Corrosion, Corrosion House, 5 St Peters Gardens, Marefair, Northampton, NN1 1SX, Tel: 01604 438222, OR
2. Complete the form, scan or photograph, and email to admin@icorr.org, OR
3. Email the required information directly to admin@icorr.org