

**ICorr Corrosion Engineering Division (CED)**

# **NetCorr – Corrosion Challenges in CCUS Applications**

**Friday, 24 April 2026 (Corrosion Awareness Day 2026)**

**09:30 – 16:30 (UK)**

**Bragg Centre for Materials Research**

University of Leeds, Woodhouse Lane, Leeds, LS2 9JT

**Limited to 60 delegates**

**Lunch and refreshments included**

**Tours of University of Leeds Corrosion Labs and Facilities**

**Exhibition space available (tables + banner)**



## **Event Overview**

Carbon Capture, Utilisation and Storage (CCUS) is central to achieving Net Zero targets. However, the deployment of dense phase CO<sub>2</sub> transport and storage networks introduces significant corrosion and integrity challenges.

This one-day technical conference will explore:

- CO<sub>2</sub> impurity reactions and acid formation
- Specification realism vs operational reality
- Corrosion testing challenges and methodology development
- Lessons from CCS network operations and design
- Modelling, autoclave testing, and full-scale validation

The event brings together operators, consultants, researchers, and testing specialists to examine the “big picture” corrosion challenges in CCUS infrastructure.

**Register today**

to secure your place – limited spaces available and filling quickly.



# Event Programme

<b>09:30 – 10:00</b>	<b>Registration, Refreshments &amp; Networking</b>
<b>10:00 – 10:05</b>	<b>Welcome &amp; Introduction to the day &amp; theme</b>
<b>10:05 – 10:15</b>	<b>Welcome to the Bragg Centre &amp; Henry Royce</b> HR Staff – University of Leeds
<b>10:15 – 10:45</b>	<b>CCUS – The Big Picture Problem</b> <b>Overview of CCUS Challenges in Industry and Testing</b> Danny Burkle – Cortest
<b>10:45 – 11:15</b>	<b>Managing Corrosion Risk in CCS Infrastructure – An HSE Perspective</b> Chris Scales – HSE
<b>11:15 – 11:45</b>	<b>Are Current CO<sub>2</sub> Specifications for CCS Projects Realistic?</b> Steve Paterson – Arbeadie Consultants
<b>11:45 – 12:30</b>	<b>Lunch &amp; Networking</b>
<b>12:30 – 14:00</b>	<b>Parallel Tours (Two Groups)</b> <b>Corrosion Laboratories (including CCUS Test Set-Up)</b> Josh Owen <b>Bragg Centre Analytical Suites</b> Bragg Centre Staff
<b>14:00 – 14:30</b>	<b>The Importance of Understanding Reactions of Impurities in CO<sub>2</sub> Transport Systems</b> George Winning – Wood PLC
<b>14:30 – 15:00</b>	<b>Corrosion Testing Challenges in CCUS and Emerging Solutions</b> Prof. Richard Barker – University of Leeds

Event Sponsors

# Event Programme

15:00 – 15:30	<b>A Comparison of Autoclave and Full Ring Pipe Testing for Carbon Capture Gathering Networks</b> Paul Wood – Intertek CAPCIS
15:30 – 16:00	<b>Towards a Standardised Test Methodology for Assessing the Corrosion of Pipeline Steel in Dense Phase CO<sub>2</sub></b> Dr Shравan Kairy – National Physical Laboratory
16:00 – 16:20	<b>Panel/Open Discussion: What Do We Need to Do to Progress Integrity in CCUS?</b>
16:20 – 16:30	<b>Closing Remarks</b>

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## Registration Fees

- **ICorr Members:** £45 + VAT
- **Non-Members:** £95 + VAT
- **Non-Member Students:** £15 + VAT
- **Non-Member Leeds University Staff:** £65 + VAT
- **(Sponsorship packages available: £250 + VAT)**
- *Includes 1 delegate pass, exhibition space for a table, 2 x chairs, and a pop-up banner*

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## Why Attend?

- ✓ Gain insight into real-world CCUS corrosion challenges
- ✓ Understand impurity chemistry and acid dropout risks
- ✓ Explore current testing limitations and standardisation efforts
- ✓ Network with leading experts in corrosion and CCUS integrity
- ✓ Visit active CCUS corrosion testing facilities



 REGISTER NOW

# Event Sponsors

Sponsorship for the CED Conference will includes 1 delegate pass, exhibition space for a table, 2 x chairs and a pop up banner. Logos will be add to all promotional material before and during the event. Sponsors will have the opportunity to present for 5 minutes to promote their company services.



**Sponsorship 2**

**Sponsorship 3**

**Sponsorship 4**

**Sponsorship 5**

