

October 2017

Joint Meeting with IMO3

In Brief:

- Simon Bowcock of BP presents on materials for Flowlines
- An update on the Annual Lunch
- Route to Chartered Status is launched
- Fundamentals of Corrosion Course update
- Young Engineers Update from Chris Bridge

Winter Meetings:

October 12th 2017

Skempton Building, Imperial College
18.00 for 18.30 start
(Joint with LMS)

October 19th 2017

Society of Chemical Industry, Belgrave Square, London
18.00 for 18.30 start
(In celebration of David Deacon's Life)

November 9th 2017

The role of H₂S in pitting of Stainless Steel in Sour Oil and Gas applications

James Hesketh, Gareth Hinds, Alan Turnbull – NPL, Teddington

Skempton Building, Imperial College
18.00 for 18.30 start
(Joint with Welding and Joining – TWI)

December 7th 2017

Annual Lunch
Royal Overseas League, London

Corrosion Challenges and Considerations for the Design and Installation of 316 Stainless Steel Clad Subsea Flowlines - Simon Bowcock, CEng - BP Sunbury

Material selection decisions are typically based on a compromise between cost, schedule and meeting the specified engineering requirements. However, these decisions can often have wider, yet significant, impact on different stages of a project. This presentation looked to identify and explore some of these wider considerations in more detail, specifically with respect to the use of 316 stainless steel clad subsea flowlines in the oil and gas industry.



Simon is a Chartered Materials Engineer who graduated from Oxford University in 2010 and has worked across BP's global operations in Angola, Azerbaijan, Alaska, Houston and the North Sea. He initially joined BP's North Sea Integrity Management team, before moving on to work in BP's Global Projects Organisation on the Quad 204 project as a Materials and Corrosion Engineer.

Simon is currently working within BP's Global Operations Organisation as the Lead Corrosion Engineer for a Deepwater FPSO located in Angola. He is responsible for identifying corrosion threats to the asset and ensuring that the associated barriers and assurance activities are carried out in accordance with the asset corrosion management strategy.

Annual Lunch

Thursday 7th December

11.30 until 19.30 (Evening Entertainment)

17 tables and 175 Guests

Make sure you have a seat

12.00 for 13.00 Lunch

January 11th 2018

Skempton Building, Imperial College

18.00 for 18.30 start

February 8th 2018

Skempton Building, Imperial College

18.00 for 18.30 start

March 8th 2018

Skempton Building, Imperial College

18.00 for 18.30 start

April 12th 2018

Skempton Building, Imperial College

18.00 for 18.30 start

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Find Information:

The Institute of Corrosion Website
www.icor.org

The Route to Chartered Status

The objective is to support ICorr members to reach the required competency levels in the field of corrosion engineering to obtain chartered engineer status. Its a "mentoring" approach to assess competency and advise development programs to reach CEng

The benefits are that you will receive Mentor guidance from an industry professional, Competency assessment from a Chartered Engineer and a development program via the competency matrix

You can find out more by Contacting: Polina Zabelina, Don Harrop, David Mobbs
Or apply to ICorr HQ or completing the application form on the ICorr website

The Fundamentals of Corrosion

A course specific to our industry

Covering all mechanism of corrosion, all solutions for corrosion prevention

The course will include: Corrosion of common metals, Basic corrosion science, Common corrosion mechanisms; galvanic, crevice, pitting, deposition, corrosion under deposit/lagging, stress corrosion and cracking, The electrochemical series and its practical uses, Methods for preventing or managing corrosion, including Inhibitors/passivation
Introduction to cathodic protection, Surface preparation challenges, paints & coatings
Corrosion and environmental conditions, Material selection & design, Corrosion testing and monitoring

Young ICorr Program

Young ICorr, TWI & LMS Present:

The Materials Challenges of Rocket Engineering and Spaceflight

A young engineers networking evening with drinks, nibbles and a keynote talk from Dr. Adam Baker will take place on Wednesday 8th November @ 7.30pm at Timber Yard Soho, W1F 8GB: RSVP Required: search 'Young ICorr' on Eventbrite

Dr Adam Baker studied materials science & metallurgy at University and has worked in the space industry for his entire career for companies such as QinetiQ, Surrey Satellite Technology, Virgin Galactic and European Space Agency. He has worked on small satellites, launch vehicles, rocket propulsion and materials for a range of space applications.



The Young Engineer Program also starts again in January 2018. It runs January to November 2018 for 20 Delegates and meetings will be held at CB&I Paddington.

The topics will be; Basic Corrosion, Welding, Materials, Coatings, Painting, Fire Protection and Linings, Cathodic Protection, Chemical Treatments, Presentation Skills

The candidates will receive a Case Study and the winning entry will be awarded an all expenses trip to NACE 2018. This a No Cost event provided to Young Engineers and entries must be in by 30th November 2017