Corrosion Science Symposium
Sunday 9 - Tuesday 11 September 2018
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In an age when materials and engineering systems are expected to withstand ever more extreme environments corrosion remains of great importance. The cost of corrosion is still estimated to be 4% GDP for most developed nations although this has increased to 6.2% in the USA as per the latest NACE Corrosion cost study in 2016. This confirms that better mitigation techniques are still required and new approaches need to be explored. Managing corrosion is a pertinent challenge for industry and academia across many industrial applications (e.g. oil and gas, automotive, biomedical, energy, space exploration).

In this 59th Corrosion Science Symposium we will capture exciting and recent advances in corrosion science and engineering, the application of these principles to engineering systems, and discuss the exciting developments across a wide range of application areas. Offers of original research are requested, but not limited to, the following areas:

- Current mechanisms and modelling approaches for corrosion processes
- Real-time monitoring and sensing of corrosion
- Advances and novel techniques for surface analysis and characterisation of interfaces
- Interactions between mechanical and corrosion processes
- Non-aqueous corrosion processes
- High temperature corrosion

**History**

The Institute of Functional Surfaces (IFS) at the University of Leeds is proud to host the 59th Corrosion Science Symposium in collaboration with the Institute of Corrosion. After 58 annual events since the inaugural symposium held in 1960 by Prof. L.L. Shreir, the symposium has become an established event in the corrosion science and engineering community. This will be marked by the annual U.R. Evans award to celebrate the continued and distinguished contribution of an individual to corrosion science. Each year the symposium provides an opportunity to both young and established corrosion scientists and engineers, and those working in related fields, to discuss and assimilate recent advances in corrosion.

On behalf of the organising committee from the School of Mechanical Engineering, University of Leeds, UK:

Dr Richard Barker
Dr Michael Bryant
Dr Emily Clark
Dr Cayetano Espejo Conesa
Dr Erfan Abedi Esfahani
Dr Ali Ghanbarzadeh
Dr Yong Hua
Dr Tom Lynch
Professor Anne Neville
Dr Rachael Spraggs
Dr Wassim Taleb
Dr Adriana Matamoros Veloza

**Keynote Speakers**

**Professor Tim Burstein**
Editor-in-Chief, Corrosion Science and Professor in Materials Chemistry and Corrosion, University of Cambridge

**Dr Evgeny Barmatov**
Schlumberger Cambridge Research

**Professor Roger Newman**
NSERC-UNENE Senior Industrial Research Chair in Corrosion and Materials Performance in Nuclear Power Systems, University of Toronto

**Professor Mary Ryan**
Vice Dean (Research), Faculty of Engineering, Imperial College London

**L.L. Shreir Prize**
Awards to the oral presentation by a registered research student, or someone within three years of graduation from a research degree, as judged by a panel selected by the symposium organisers.

**Key Dates**

- Call for abstracts: Wednesday 21 March 2018
- Abstract submission (300 word for oral or poster presentation) deadline: Tuesday 8 May 2018
- Abstract acceptance notification: Wednesday 13 June 2018
- Registration opens: Monday 16 April 2018
- Early bird registration deadline: Monday 2 July 2018
- Final registration deadline: Friday 31 August 2018

**Call for Abstracts**

Offers of papers, which should include details of the proposed title, names of authors and synopsis (in total not exceeding one A4 page) should be submitted in PDF format no later than Tuesday 8 May 2018 to EasyChair https://easychair.org/conferences/?conf=css20183. For further details and an abstract template please go to: https://tinyurl.com/corrosion-science-symposium

If you have any queries please contact Corrosion Science Symposium Secretariat E: CSS2018@leeds.ac.uk T: +44 (0)113 343 2494
Symposium fees
Standard fee
£240 before or on Monday 2 July 2018
£300 after Monday 2 July 2018
Student fee
£140 before or on Monday 2 July 2018
£200 after Monday 2 July 2018
The above options include registration with synopses of all papers; light refreshments, lunches and the symposium dinner.

Venue and social programme
The venue for the symposium is School of Mechanical Engineering, University of Leeds. Full details about the venue and how to find it are available on the symposium website.

How to book
Booking and payment, by credit or debit card, should be completed through our secure Online Store accessed via the Corrosion Science Symposium web site https://tinyurl.com/corrosion-science-symposium. Please click the ‘Registration & Accommodation’ link at the top of the page, this will take you to the registration information including a link to the University Online Store. You will be required to register your details and then complete the application process as directed. You will receive an automatic confirmation email within 24 hours of your booking. Please ensure you print this as confirmation of registration and proof of payment. Please note, the Online Store cannot accept American Express credit cards.

For online bookings queries and other queries please contact the Symposium Secretariat on:
T: +44 (0)113 343 2494
E: CSS2018@leeds.ac.uk