



## 9<sup>th</sup> World Congress on Oxidation Catalysis Oxidation for a Sustainable Future and Clean Environment

Cardiff, Sept 4-8<sup>th</sup>, 2022

<http://www.9wcoc.uk>

### Invitation:

Oxidation is a key technology that is central to the world's move toward a sustainable chemicals and energy economy. This conference will bring together leading researchers in the field of oxidation catalysis to share their latest results, discuss current challenges and look to the future.

Over the 4 days of the meeting, we expect delegates to engage with new concepts, get involved in lively discussion and develop fresh links with colleagues from around the globe.

The meeting will be held face-to-face in the beautiful surroundings of [Cardiff civic centre](#) and close to the [new facilities](#) of the [Cardiff Catalysis Institute](#). We look forward to welcoming you to what promises to be one of the foremost conferences of 2022.

Prof. Graham J. Hutchings FRS,  
(Conference Chair)

### Themes:

#### 1. Understanding Oxidation Catalysis

- Mechanistic insights:  
experimental & theoretical approaches.
- Structure & synergy in catalysis.
- Atom efficient oxidation.

#### 2. Tailoring Catalysis to New Applications

- Novel catalytic materials: design and evaluation.
- Catalyst characterisation and analytical methods.
- Chemical engineering:  
new processes & scale-up.

#### 3. Catalytic Oxidation in Green Chemistry

- Oxidation for processing renewables.
- Functionalisation using oxidation catalysis.
- Environmental clean-up by catalysed oxidation.

### Confirmed Speakers:

#### Plenary

Prof. Unni Olsbye (University of Oslo)  
Prof. Matt Rosseinsky (University of Liverpool)  
Prof. Javier Perez-Ramirez (ETH Zurich)  
Prof. Shannon S. Stahl (University of Wisconsin)  
Prof. Tao Zhang (DICP, Dalian)

#### Keynote

Prof. Matthias Scheffler (FHI Berlin)  
Prof. Stephen J. Jenkins (University of Cambridge)  
Prof. Can Li (DICP, Dalian)  
Prof. Karen Wilson (RMIT University).  
Prof. Petra de Jongh (Utrecht University)  
Dr Christian Walsdorff (BASF)  
Prof. Sébastien Royer (Université de Lille)  
Prof. David Lennon (University of Glasgow)  
Dr Misbah Sarwar (Johnson Matthey)  
Prof. Parasuraman Selvam (IIT, Madras)  
Dr Keith Whiston (KOCH Technology Solutions)  
Dr Katarzyna Skorupska (FHI Berlin)  
Dr Nicolas Bion (Université de Poitiers)  
Dr Andrey Karpov (BASF)  
Prof. Benjamin Solsana (University of Valencia)  
Dr Annette Trunschke (FHI Berlin)  
Prof. Angeliki Lemonidou  
(Aristotle University of Thessaloniki)





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Cardiff  
Catalysis Institute  
Sefydliad Catalysis  
Caerdydd

### Key Dates:

Abstract submission open:	1 <sup>st</sup> March	2022
Registration open	: 1 <sup>st</sup> April	2022
Abstract submission close:	1 <sup>st</sup> May	2022
Earlybird deadline	: 1 <sup>st</sup> May	2022
Notification to presenters	: 1 <sup>st</sup> June	2022

Conference Opens : 4<sup>th</sup> September 2022.

### Local Organising Committee:

Prof. Graham J. Hutchings, FRS (Cardiff)  
Prof. Richard Catlow, FRS (UCL/Cardiff)  
Prof. Mike Bowker (Cardiff)  
Prof. Duncan Wass (Cardiff)  
Prof. Marc Pera Titus (Cardiff)  
Prof. Stuart Taylor (Cardiff)  
Prof. Philip R. Davies (Cardiff)  
Prof. Justin Hargreaves (Glasgow)  
Prof. Nicholas Turner (Manchester)  
Prof. Paul Collier (Johnson Matthey)  
Prof. Andrew Beale (UCL)

Dr David Willock, meeting secretary (Cardiff)  
Dr Nicholas Dummer (Cardiff)  
Dr Jennifer Edwards (Cardiff)  
Dr Sankar Meenakshisundaram (Cardiff)  
Dr Jonathan Bartley (Cardiff)  
Dr Andrew Logsdail (Cardiff)  
Dr Alberto Roldan Martinez (Cardiff)  
Dr Richard Wingad (Cardiff)  
Dr Mark Douthwaite (Cardiff)  
Dr Emma Richards (Cardiff)  
Dr David Morgan (Cardiff)

### About Cardiff:

[Cardiff](#) is the capital city of Wales, one of the four nations brought together in the United Kingdom. As a city with a population of around 500,000 people, it has a friendly atmosphere and boasts a wide range of attractions, restaurants and entertainment amenities split between the [city centre](#) and [Cardiff Bay area](#), a rejuvenated dock area and home of the Welsh Assembly Government.

### Getting to Cardiff:

Cardiff is well served by transport links:

[Cardiff city airport](#), regular flights from Europe  
[Bristol airport](#) is only around 1 hour away

London Paddington to Cardiff is [2 hours by train](#)  
[Heathrow Express](#) links Paddington with  
[London Heathrow](#).

### Contact us:

Please send enquiries to [wcoc2022@cardiff.ac.uk](mailto:wcoc2022@cardiff.ac.uk)

or check out the website at [www.9wcoc.uk](http://www.9wcoc.uk)

