

Venue and Travel

The Edge Conference Centre, the University of Sheffield, S10 3ED, UK.

The Edge Conference Centre is located on the Endcliffe Village Campus of the University of Sheffield, about 1.5 miles west of the city centre.

Road: The city is in a central UK location with excellent road links via the M1 and M62.

Rail: Direct rail links mean that Sheffield is only 2:05 hrs from London.

Air: Sheffield has three international airports nearby: Leeds/Bradford, East Midlands and Manchester.

Bus: There are great bus and Supertram services running throughout the day and throughout the city, linking the University to all major city attractions.

Detailed travel information may be found on the event website.

Accommodation

Details of the accommodation options, which will include University's Endcliffe Halls of residence and the Halifax Hall Hotel, will be available on the website once registration has opened.

Registration Fees

One of the principal aims of this conference is to encourage wide participation and, to enable this, the cost to participants is kept to a reasonable level. The conference fees will be [approx.]:

£402 Royal Society of Chemistry member

£204 Royal Society of Chemistry student member

£605 Non-RSC member

£336 Non-RSC student members

The fees include full attendance, lunches, refreshments, the poster buffet dinner and the Conference Dinner. No day rates are offered. The above "early bird" rates will be available until 9th June 2017. All participants are asked to cover their own accommodation and travel costs.

Conference Executive Committee Members

Dr Richard Oldroyd, Brookes IP (Conference Chairman)

Dr Kevin Hughes, University of Sheffield (Conference Committee Secretary and Local Organiser)

Dr David J A McCaffrey, McEnergy Consultancy (Conference Treasurer)

John C Greene, Consultant (Sponsorship Officer)

Brian Shelley, MRSC (Publicity Officer)

Dr Bill Nimmo (Conference Programme Co-ordinator & Local Organiser), University of Sheffield

Dr Maria Alfredsson, University of Kent

Dr Alissa Cotton, Shell Research UK

Dr Karen Finney, University of Sheffield (Local Organiser)

Dr Stuart Norman, E.ON UK plc

Dr Sofia Pérez, University of Kent

Richard Wain, Rolls Royce plc

Secretariat Contact

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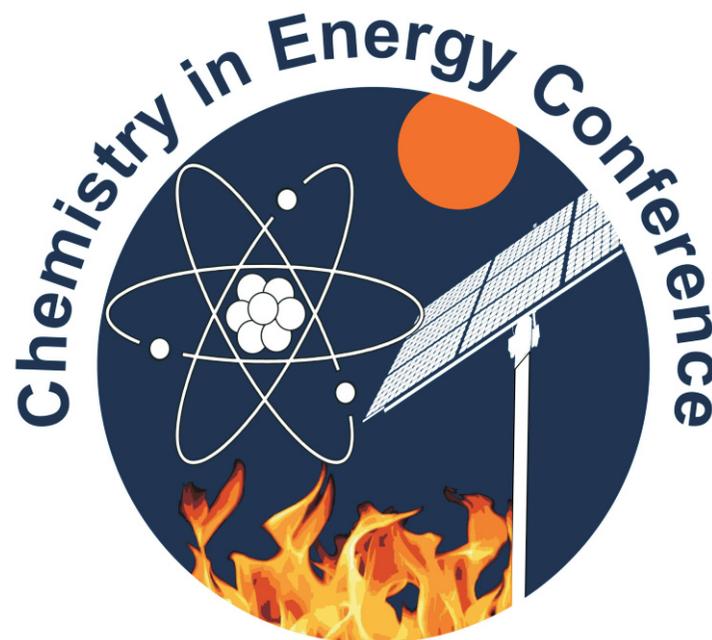
Website Addresses

www.chemistryinenergy.org

[@CEC_2017](https://twitter.com/CEC_2017)



Conference Announcement and Call for Papers



2nd Chemistry in Energy Conference 2017 (@CEC_2017)

Monday-Wednesday, 17th-19th July 2017

University of Sheffield, Sheffield, UK



The
University
Of
Sheffield.



Overview

Building on the success of the 1st “Chemistry in Energy” Conference, the Energy Sector of the Royal Society of Chemistry is pleased to announce that it is organising and promoting the 2nd “Chemistry in Energy” conference to be hosted by the University of Sheffield.

Home to over half a million people, including more than 60,000 students, Sheffield is situated centrally in the UK and is England's fourth largest city. Bordering the beautiful Peak District National Park, it is a city of stunning landscapes; the greenest in Europe. There are seven hills, five rivers and more park and woodland than any other UK city. In the heart of Sheffield, pedestrian shopping areas lead to public gardens and squares. Museums, galleries and theatres share these spaces alongside a great selection of bars and cafes. The city is home to several important galleries and museums which have close links with the Tate and the V&A in London. Three distinctive venues form one of the most important theatre complexes in the UK which have been named the best outside London for two years running. Sheffield can also boast the largest independent cinema outside of London in the form of The Showroom. Sheffield was the UK's first National City of Sport and has a long sporting heritage including the oldest football club in the world. It's a rich, diverse, multicultural city that is proud of its reputation for being one of the friendliest and safest major cities in the UK.

It is a particularly well-chosen location for this 2nd “Chemistry in Energy” Conference as energy research is a core activity at the University of Sheffield. It is home to the University's Energy Research Group, the Centre for Energy, Environment and Sustainability, the Headquarters of the UK Carbon Capture and Storage Research Centre (UKCCSRC) with its Pilot-scale Advanced Capture Technologies (PACT) facilities, and the International Flame Research Foundation (IFRF) which all fit well with the theme of the Conference.

Scope and Purpose of the Conference

The purpose of this Conference is to bring together scientists and technologists from academia and industry with interests in the applications of Chemistry in the Energy Industry. This RSC Energy Sector 2nd “Chemistry in Energy” Conference aims to embrace all aspects of energy-related research, where chemistry and the chemical sciences play a key or underpinning role in solving the UK's combined energy challenges of carbon emissions, energy costs and security of supply. The scope of the conference will be broad and will include all energy forms and technologies.

Submit an Abstract

The 2nd CEC invites the submission of abstracts in the format described on the event website. Abstracts should be submitted to the Secretariat by e-mail by 20th January 2017. The purpose of these abstracts is to enable the Programme Sub-committee to assess their suitability for the Conference Programme and it is the intention of the Conference Executive Committee to publish the submitted abstracts in the form of a booklet of the Conference Proceedings, to be distributed at the Conference.

Prospective authors are asked to submit one or more abstracts by downloading a template from the website. The closing date for submissions is 20th January 2017 and submitted abstracts MUST conform to the specified format. For accepted abstracts, one author must present the abstract at the conference either as an oral presentation or as a poster. This author must register and pay his/her conference fee before 12th May 2017, otherwise their paper/poster cannot be confirmed in the programme.

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Abstract Themes

Abstracts, which describe the applications of Chemistry in Energy are now invited with a scope that should cover, but is not limited to, the mainstream energy sources.

- **Fossil fuels:** (oil, gas and coal), upstream and downstream and including carbon capture and storage/utilisation, environmental issues, including emissions to air, environmental mitigation and control systems, future fossil fuel power generation technologies, steam cycle chemistry/materials issues and unconventional energy sources, (fracking and underground gasification).
- **Nuclear:** nuclear waste management and reprocessing, materials issues/structural integrity, including the effect of chemistry on the degradation of materials in reactor systems and reactor coolant chemistry including corrosion and nuclear fusion.
- **Renewables:** fuel cells, energy storage (including batteries), solar photovoltaics, solar thermal, solar fuels, biofuels/biomass, geothermal and hydro, wind and wave energy systems and energy from waste.

In addition, the conference will welcome abstracts, which illustrate contributions from chemical sciences to maximising oil and gas recovery, solving challenges for fossil fuels, transitioning to renewables, energy distribution and conversion, materials developments for energy technologies, environmental and emissions issues and analytical chemistry in the energy industry.

Research students will be strongly encouraged to submit abstracts, attend and give presentations,

Timetable in 2017

20th January	Closing date for abstract submission
3rd March	Authors informed of acceptance of papers/posters
31st March	Provisional programme published
12th May	Last date for registration by presenters of papers/posters
9th June	Last date for discounted early-bird registration

Sponsorship and Exhibition Opportunities

Silver Package (£500)

- Sponsor's logo on all of the conference publications
- Distribution of sponsor's literature/brochure in all delegate conference packs
- All sponsor's staff may attend at the RSC member rates

Gold Package (£1,000)

- Silver Package, plus an exhibition stand to include two trade stand staff*

Platinum Package (£1,500)

- Silver Package, plus named sponsorship of a specific conference lunch

Platinum Package Plus (£2,000)

- Silver Package, plus named sponsorship of the Poster Buffet Dinner or the Conference Dinner

Superior Supplement (+£600) - for the Silver, Gold, Platinum or Platinum Plus packages

- Two full conference delegates

* The two trade stand staff will have access to the daytime catering only, although evening dinners may be bought separately as extras. They do not have access to the technical sessions.

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