

## Further Information

To receive further information, please send an E-mail through a completed "Interest in Registration" form via the Conference website [www.tferf.org/4thFER4IA](http://www.tferf.org/4thFER4IA)

## Registration

One of the principle aims of this Conference is to encourage wide participation and to enable the cost to participants to be kept at a reasonable level.

The Conference "Early Bird" fees will be [approximately]:

|      |                                           |
|------|-------------------------------------------|
| £790 | Fuel and Energy Research Forum Member     |
| £435 | Student of Fuel and Energy Research Forum |
| £999 | Member Non-member                         |
| £650 | Student of non -member                    |

The Conference fee will include full attendance, refreshments, lunches, the Poster Buffet Reception and Dinner and the Conference Dinner and attendance at the 8th Clean Energy Science Lecture. These "Early Bird" rates are available until 16th July 2027. No day rates are offered. All participants are asked to cover the accommodation and travel costs, where details of accommodation options, including the Conference Aston Hotel on the Main Aston University Campus, will be publicised via the website once registration is open

## Important Dates in 2027

|                          |                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------|
| <b>5th February</b>      | Closing date for abstract submission                                                   |
| <b>12th March</b>        | Authors informed of acceptance                                                         |
| <b>26th March</b>        | Provisional programme published                                                        |
| <b>16th July</b>         | Last date for registration by oral and poster presenters and "Early Bird" Registration |
| <b>1st October</b>       | Opening cdate for paper submission to the Virtual Special Edition of "Fuel"            |
| <b>31st January 2028</b> | Closing date for paper submission to the Virtual Special Edition of "Fuel"             |

## Conference Organising Committee

Prof Jenny Jones, University of Sheffield, (Conference Chairman)  
Dr David McCaffrey, McEnergy Consultancy, (Conference Finance Officer)  
Dr Bijal Gudka, Gudka Energy Consulting, (Conference Committee Secretary and Conference Manager), assisted by Mrs Clare McCaffrey- Endsor (Assistant Conference Manager)  
Prof Jude Onwudili, Aston University, (Main Local Organiser and Sponsorship Officer)  
Dr Fatih Gulec, University of Nottingham, (Publicity Officer)  
Dr Mohammad Imran, Aston University, (Conference Programme Group and Local Organiser)  
Dr Yujie Mao, Aston University, (Local Organiser)  
Prof Bill Nimmo, University of Sheffield, (Head of Conference Programme Group)  
Prof Meihong Wang, University of Sheffield, (Conference Programme Group)  
Dr Andrew Ross, University of Leeds, (Conference Programme Group).  
Dr Will Quick, Uniper Technologies Ltd., (Industrial Representative)

## Secretariat Contact

Dr Bijal Gudka, Gudka Energy Consulting, Mob: 07724394988, E-mail: [info@tferf.org](mailto:info@tferf.org)

## Website

[www.tferf.org/4thFERIA](http://www.tferf.org/4thFERIA)

# 4<sup>th</sup> FERIA

## The European Conference on Fuel and Energy Research and its Applications



Monday 6<sup>th</sup> to Wednesday 8<sup>th</sup> September 2027

Conference Aston, Aston University,  
Birmingham, United Kingdom



Organised by the Fuel and Energy Research Forum  
[www.tferf.org/4thFERIA](http://www.tferf.org/4thFERIA)

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Aston University

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Introduction

The Fuel and Energy Research Forum has been created to bring together all those with interests in fuel and energy research, particularly biomass, waste and fossil fuels and to promote and integrate these interests in the UK and worldwide. These research areas are increasingly important as low and zero carbon- fuels continue to play a key role in the energy mix of today. These fuels provide a widely- distributed, secure and reliable source of energy that is relatively easy to obtain. Clean carbon - fuel technology is the order of the day, with particular attention being paid to carbon capture and storage in view of global warming and carbon dioxide emissions from carbon-based usage.

This 4th FERIA Conference, the Successor to a long series of Forum Conferences going back to 1996 at Loughborough University , builds on the success of the previous sixteen biennial Conferences, is to be held at the Aston University. Home to approximately 1. 2 million people, including more than 85, 000 students spread over its 5 Universities, Birmingham is situated centrally in the West Midlands. Birmingham is the UK' s second largest city known for its Industrial Revolution heritage, extensive canal network, pioneering music scenes, and diverse culinary landscape. Top highlights include world- class shopping at the Bullring & Grand Central, the iconic Library of Birmingham and its rooftop gardens, and the bustling dining and nightlife hubs of Brindleyplace and Digbeth This bustling and vibrant city provides an excellent base for the conference and a showcase for the West Midlands, it is hoped that delegates from outside the UK continue to support the event and thoroughly enjoy their stay in Birmingham. Birmingham also has a long sporting heritage including two of the oldest Association Football clubs in England, (Aston Villa, Premier League and Birmingham F.C). It is also home to the historic Edgbaston Cricket Ground established in 1882) and the Warwickshire County Cricket Club, which also competes in T20s as the Birmingham Bears. The city is also represented by the Birmingham Phoenix in The Hundred tournament. It is a rich, diverse, multicultural city which is proud of its reputation for being one of the friendliest and safest major cities in the UK

Birmingham is a particularly well- chosen location for this 4th FERIA Conference as energy research is a core activity at Aston University. Aston University is at the forefront of this effort through world- leading research conducted at the Energy and Bioproducts Research Institute (EBRI), the Centre for Circular Economy and Advanced Sustainability (CEAS), SUPERGEN, and the Aston Centre of Engineering for Sustainable Development. where the research within these centres all fit well with the themes of the Conference. Aston University is also home to the Wolfson Centre for Low Carbon Hydrogen, at Aston University is a new state-of-the-art facility dedicated to exploring hydrogen production from biomass conversion.



Travel

**Road:** Conference Aston is located on the Main Campus of the Aston University about one mile north east of Birmingham city centre. The city has excellent excellent road links via the M6, M1, M42 and M40..  
**Rail:** Direct rail links mean that Birmingham is only 1 hr 20 mins from London.  
**Air:** Aston University is a 10 minute train or 25 minute drive from Birmingham International Airport.  
**Bus:** There are great bus and tram services running throughout the day and throughout the city, linking the University to all major city attractions.

Scope and Purpose.

The purpose of this Conference is to bring together academic researchers and participants from industry and anyone that is interested in the applications of fuel and energy research. Papers which describe the applications of research in fuel and energy characterisation, technology development, utilisation and preparation are now invited.

Call for Abstracts

Abstracts are invited which describe current academic and industrial research (from fundamental to industrial scale) into cleaner fuel and energy research on gaseous, liquid and solid fuels and their carriers and their applications including but not limited to :- (Detailed description of each theme can be found at [www.tferf.org/4thFERIA](http://www.tferf.org/4thFERIA) )

Conventional and Advanced Power Generation

Fuel Conversion Processes

Energy Crops, Agri-energy and wastes

Biomass and Wastes

Emissions

Carbon Capture, Storage and Utilisation:

Carbon Sequestration

Hydrogen and Ammonia

Industrial combustion

Advanced Materials for Net-Zero

-Critical Energy Materials and Circular Economy

-Advanced Materials for energy and fuels

Catalytic Systems for Renewable Fuel Production

Decarbonising Energy- Intensive Industries

Decarbonising Transport

Transport Electrification

Biofuels for Transport

Biogas

Heating, Ventilation and Cooling

Integrated Renewable Energy Systems, (IRES):

Fuel preparation and handling ,

Resource Recovery:

AI/Machine Learning for Energy System Applications

Industrial Case studies

System Engineering and life cycle analysis

A detailed description of each theme can be found at [www.tferf.org/4thFERIA](http://www.tferf.org/4thFERIA)

Research students are also strongly encouraged to submit abstracts, attend and give presentations there is a reduced Conference fee for students.

All authors are asked to submit one or more abstracts by **Friday 5th February 2027** to the Conference Manager, Gudka Energy Consulting ,at [info@tferf.org](mailto:info@tferf.org). Abstracts must conform to the format specified in the website template, and must be submitted by the named presenter, (not a third party). For abstracts accepted, the named presenter/ author will present the paper at the Conference either as an oral presentation or as a poster. This author must register and pay their conference fee before **Friday 16th July 2027** in order for their paper/ poster to be confirmed in the programme.

Proceedings in Special Issue of "Fuel"

All authors of accepted abstracts are invited to submit a full paper for possible inclusion in a Virtual Special Issue of FUEL to be published on the Elsevier website. The papers submitted must be prepared strictly in accordance with the Guide for Authors and must be submitted electronically via <https://www.sciencedirect.com/journal/fuel>.

When submitting your manuscript please select the correct portal for article type “ **VSI: 4th FERIA 2027**” . The portal for submission to the VSI in FUEL will be open from **1st October 2027**. All papers submitted to the VSI will be subject to the normal peer review requirements for the journal

Sponsorship and Exhibition Packages

Sponsors and Exhibitors are encouraged to support this well-established event. The Sponsorship packages are as follows, where full details of these packages are available on request.

|        |                                                                                                                                                                                                                                               |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| £ 800  | Level 1: Organisation logo on all the Conference publications and the inclusion of the Sponsor's "literature or brochure in delegate packs                                                                                                    |
| £ 999  | Level 2: As Level 1 plus an Exhibition Stand                                                                                                                                                                                                  |
| £1,250 | Level 3: As Level 1 plus an Exhibition Stand and a Dedicated Session                                                                                                                                                                          |
| £1,250 | Level 4: As Level 1 plus named sponsorship of one of the Conference Lunches                                                                                                                                                                   |
| £1,800 | Level 5: As Level 1 plus sponsorship of Poster Buffet Dinner                                                                                                                                                                                  |
| £2,250 | Level 6: As Level 1 plus sponsorship of Conference Dinner                                                                                                                                                                                     |
| £ 750  | Exhibitor package: An Exhibition Stand with one trade stand staff who will have access to daytime catering only. This package excludes access to technical sessions, evening dinners (maybe bought as extras), logo and literature inclusion. |

Websites

[www.tferf.org/4thFERIA](http://www.tferf.org/4thFERIA)

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