

## Conference Chairs

**Professor Savvas A Tassou**  
Director of CSEF, Brunel University London, UK

**Professor Adisa Azapagic**  
Co-Director of CSEF, The University of Manchester, UK

**Professor Peter J Fryer**  
Co-Director of CSEF, University of Birmingham, UK

## Organising Committee

**Professor Serafim Bakalis**  
The University of Nottingham, UK

**Professor Maria Kolokotroni**  
Brunel University London, UK

**Professor Ian Norton**  
University of Birmingham, UK

**Dr Giuseppe Bianchi**  
Brunel University London, UK

**Dr Hussam Jouhara**  
Brunel University London, UK

**Dr Estefania Lopez Quiroga**  
University of Birmingham, UK

**Dr Ximena Schmidt**  
The University of Manchester, UK

**Dr Harjit Singh**  
Brunel University London, UK

**Dr Laurence Stamford**  
The University of Manchester, UK

**Dr Valentina Stojceska**  
Brunel University London, UK

**Dr Konstantinos Tsamos**  
Brunel University London, UK



## Conference Venue and Location

**The Coral Beach Hotel & Resort,**  
Coral Bay Ave 70, Peyia 8575  
Paphos, Cyprus  
T: + 357 26 881 000

For more information visit: [www.coral.com.cy](http://www.coral.com.cy)



## Contact

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[www.foodenergy.org.uk](http://www.foodenergy.org.uk)

RCUK Centre for Sustainable Energy use in Food Chains (CSEF)  
a collaboration between Brunel University London, The University of Manchester  
and University of Birmingham



**ICSEF** 2018

**17-19 October 2018**  
Paphos, Cyprus

2<sup>nd</sup> International Conference on

**Sustainable Energy and  
Resource Use in Food Chains**

**ICSEF 2018**  
and



**Workshop**



Hosted by CSEF  
at Brunel University London



## Welcome Message

Given its success in 2017 we are now pleased to announce the **2<sup>nd</sup> International Conference on Sustainable Energy and Resource Use in Food Chains 'ICSEF 2018'** that will be held at the Coral Beach Hotel & Resort in Paphos, Cyprus **17-19 October 2018**.



The conference will include an international workshop on **Energy Recovery Conversion and Management 'ERCoM 2018'** which will run parallel to the main

event. This follows on from the international workshop on Heat Recovery and Efficient Utilisation of Waste Heat held at ICSEF 2017 and the objective is to report on the latest thinking, new approaches, technology developments and practices for waste heat recovery, its efficient utilisation and conversion to different forms such as electrical power.

It gives us great pleasure to invite academic and industrial experts to submit their abstract(s) in one or more of the conference themes and join us at **ICSEF 2018** in Cyprus during October 2018.

**Professor Savvas A Tassou**  
Conference Chair

**Professors Adisa Azapagic & Peter Fryer**  
Conference Co-Chairs



## Scope of the Conference

We aim to bring together researchers from both academia and industry to cover the full breadth of energy and resource uses in food chains.

**ICSEF 2018** covers all aspects of energy demand reduction and minimisation of resource use, including water and waste as well as related environmental impact across all stages of food chains from primary production to processing, distribution, retail, consumption and waste management.

**ERCoM 2018** covers all aspects of waste heat and waste energy sources, as well as their efficient conversion and utilisation.

## Registration

Registration closes on 17 September 2018. Authors may present a maximum of two papers. See our website for further information: [www.foodenergy.org.uk](http://www.foodenergy.org.uk)

## Deadlines

<i>Abstract submission</i>	<b>19 April 2018</b>
<i>Notification of acceptance</i>	<b>30 April 2018</b>
<i>Full paper submission</i>	<b>11 June 2018</b>
<i>First review/comments to authors</i>	<b>02 July 2018</b>
<i>Submission of revised papers</i>	<b>20 July 2018</b>
<i>Peer review completed</i>	<b>09 August 2018</b>
<i>Acceptance notification</i>	<b>13 August 2018</b>
<i>Early registration ends</i>	<b>31 August 2018</b>
<i>Registration</i>	<b>17 September 2018</b>
<i>Conference</i>	<b>17 to 19 October 2018</b>

## Proceedings

All submitted manuscripts will be peer reviewed and the accepted papers presented will be published in the conference *Book of Abstracts*, (provided at least one author has pre-registered by the closing registration date). This will be available at the conference.



The Conference Proceedings will be published by Elsevier online in the open-access *Energy Procedia* series. Selected papers will also be considered for other relevant Elsevier journals. Papers should be a minimum of 6 and maximum of 8 A4 pages and must be prepared using the template provided.

## Abstract Submission

The conference will feature both oral and poster contributions. You are invited to submit your abstract(s) with a clear indication of your preference for an oral or poster presentation.

**Deadline for submission of abstracts: 19 April 2018**

Abstracts should not exceed 500 words and the submission should include a suitable title and name, affiliations and e-mail address of all authors. Visit Exordo, the conference management system for further details.

Exordo: <https://icsef2018.exordo.com>

## Conference Themes

### Energy Demand and Resource Use in:

#### Food Production

- Direct energy use in agriculture
- Environmental impacts of food production
- Waste to energy conversion
- Waste to product conversion

#### Food Processing

- Energy and resource use in food processing
- Energy efficient food processing technologies
- Process integration
- Optimisation of food processing operations

#### Food Distribution

- Food transport logistics
- Energy and environmental impacts of food storage
- Food storage systems and technologies
- Environmental impacts of food transportation
- Sustainable food packaging
- Product quality and shelf life

#### Food Retail

- Energy consumption and emissions in food retail
- Towards zero emissions food retail outlets
- Refrigeration systems in food retail
- Energy system integration

#### Food Consumption

- Energy and resource use in food consumption
- Energy consumption and resource use of food services and catering facilities
- Energy efficient technologies for food storage and preparation

### Cross Cutting Topics and Themes

- Life cycle sustainability assessment of food chains
- Integrated energy and emissions modelling
- Water recovery and recycling
- Food consumption and the influence of human behavior on energy and resource use