

# BRITISH FLAME DAY 2020

Find out more at [www.ifrf.net](http://www.ifrf.net) and [www.britishflame.org.uk](http://www.britishflame.org.uk)



## 'Applied Industrial Combustion Needs and Cutting-Edge Research Solutions'

**ARENA BUSINESS CENTRE  
POOLE, DORSET**

**22 APRIL 2020**



**British Flame**  
Power and knowledge behind the Flame





# PROGRAMME

**22 APRIL 2020**

**ARENA BUSINESS CENTRE, POOLE**

**10:30am**

Registration and refreshments

**11:00am**

**Welcome and introduction**

Richard Withnall, Greens Combustion

**11:10am**

**Combustion of Waste: Regulatory Approach to confirming IED Time and Temperature requirements are met using CFD and measurement**

Roger Kidd, UK Environment Agency

**11:40am**

**Application of CFD combustion modelling in large multi-burner process furnaces and some of the lessons learnt**

Cliff Rennie and Simon Kretzschmar, Greens Combustion

**12:10pm**

**A CFD driven approach to large-scale combustion optimisation: Improving performance and flame stability of a 660MWe anthracite fired boiler**

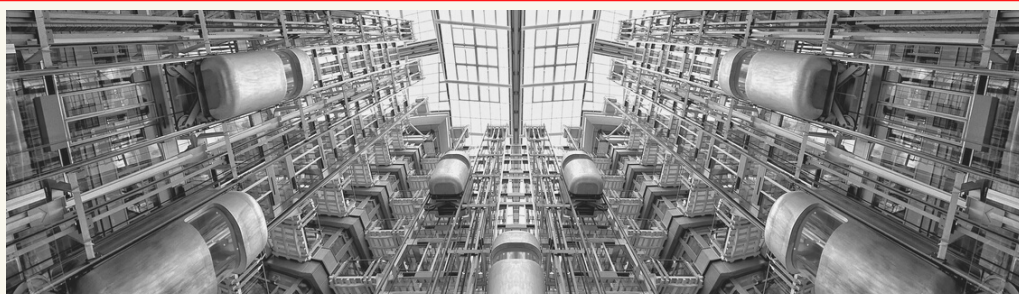
Mike Kryjak, RJM International

**12:40pm**

Q&A

**1:00pm**

Lunch and networking





# PROGRAMME

**22 APRIL 2020**

**ARENA BUSINESS CENTRE, POOLE**

**2:00pm**

**Importance of Sampling & Analysis of Biomass/  
Waste Wood Fuels**

Will Quick, Uniper Energy

**2:20pm**

**Biomass Characterisation and Densification for  
Evaluating Suitability of Non-conventional Biomass  
Sources for Power Generation**

Johnson Lau, University of Nottingham

**2:40pm**

**Combustion with Net-Zero GHG Emissions**

Jon Gibbins University of Sheffield

**3:00pm**

**Recent advances in H<sub>2</sub> and NH<sub>3</sub> combustion**

Richard Marsh, Cardiff University

**3:20pm**

**Recent advances in Zero Routine Flaring Initiative**

Kumar Patchigolla, University of Cranfield

**3:40pm**

**Q&A**

**4:00pm**

**Event closes**

**7:00pm**

An evening dinner will be provided by BFRC at the RNLI Riggers Restaurant and Slipway Bar for those wishing to continue discussions and network after the event

