



THE FUEL AND ENERGY RESEARCH FORUM
4TH ANNUAL MEETING
 &
COMBUSTION INTEREST GROUP SEMINAR.

NOW RESCHEDULED FOR WEDNESDAY 17th JUNE 2020.

THE NATIONAL SELF-BUILD CENTRE
 next to the RWE Generation Offices Swindon
 Windmill Hill Business Park Whitehill Way
 Swindon Wiltshire SN5 6PB

PROGRAMME.

09.30 – 10.00	ARRIVAL – COFFEE
10.00 - 10.10	Welcome to RWE Generation SE and Opening Remarks, Dr Trudy Beeley, RWE Generation SE.
10.10 – 12.15	<u>SESSION 1 : SEMINAR OF THE FERF's COMBUSTION INTEREST GROUP</u> <u>"Challenges with Waste Woods/Biomasses".</u> Chaired by Dr. Gerry Riley, RJM Corporation, (EC), Ltd. Co-ordinator of the Combustion Interest Group.
10.10 – 10.35	"Review of the Challengers with Waste Wood" Dr. Trudy Beeley, RWE Generation SE.
10.35 – 11.00	"The Importance of Sampling and Analysis in Waste Wood Characterisation" . Dr. Will Quick, Uniper Technologies Ltd.
11.00 – 11.25	"Mitigation of Ash Related Problems of Waste Wood via Washing" . Dr. Bijal Gudka, University of Leeds.
11.25 – 11.50	"Sourcing of Waste Wood" . Speaker to be confirmed.
11.50 – 12.15	"Use of Additives to Prevent Fluidized Bed Agglomeration with Biomass Fuels" Jonathan Morris, University of Sheffield.

12.15 – 13.00	<u>SESSION 2A : THE 4th FERF ANNUAL MEETING</u> Chairman : Dr. Will Quick												
	<u>A G E N D A</u>												
	<ul style="list-style-type: none"> I. Report of Year 2019 Annual Meeting II. Review of Actions III. Report by Chairman/Secretary IV. Report by Treasurer V. Election for Vacancies on Executive Committee VI. Any Other Business 												
	<u>SESSION 2B : REPORTS FROM INTEREST GROUP CO-ORDINATORS.</u>												
	To include progress in their Interest Groups during the year 2019 :-												
	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Combustion</td> <td>Dr. Gerry Riley.</td> </tr> <tr> <td>Environment</td> <td>Prof. Bill Nimmo.</td> </tr> <tr> <td>Biomass and Waste</td> <td>Dr. Katie Chong.</td> </tr> <tr> <td>Electricity Generation and Storage</td> <td>Mr. Niall Moroney.</td> </tr> <tr> <td>Carbon Capture and Storage</td> <td>Prof. Jon Gibbins.</td> </tr> <tr> <td>Fuel Characterisation and Carbonisation</td> <td>Prof. Ed Lester.</td> </tr> </table>	Combustion	Dr. Gerry Riley.	Environment	Prof. Bill Nimmo.	Biomass and Waste	Dr. Katie Chong.	Electricity Generation and Storage	Mr. Niall Moroney.	Carbon Capture and Storage	Prof. Jon Gibbins.	Fuel Characterisation and Carbonisation	Prof. Ed Lester.
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13.00 – 14.00	LUNCH.												
14.00 – 16.10	<u>SESSION 3, SEMINAR OF THE FERF's COMBUSTION INTEREST GROUP</u> <u>"Challenges with Waste Woods/Biomasses".</u> Chaired by Dr. Gerry Riley, RJM Corporation, (EC), Ltd. Co-ordinator of the Combustion Interest Group.												
14.00 – 14.25	"Bunkering the Improbable; Challenges of Flow, Handling and Safety with Waste Biomass". Dr. Baldeep Kaur, The Wolfson Centre, The University of Greenwich.												
14.25 – 14.50	"Solving Corrosion Challenges in Waste/Biomass Firing Boilers" Mr. Colin D. Bateman, IGS Europe srl.												
14.50 – 15.15	"Case Study : Combustion Optimisation on an FBC Firing Waste Wood". Alf Malmgren, RJM Corporation (EC) Ltd.												
15.15 – 15.40	"Optimisation of Integrated Bioenergy and High Value Product Processing Pathways for UK Biomass Resources". Dr. Orla Williams, University of Nottingham.												
15.40 – 16.05	"Title to be confirmed". Dr. Gary Lu, University of Kent												
16.05 – 16.15	SESSION 4 : CONCLUDING REMARKS, Dr. Will Quick, Uniper Technologies Ltd. Chairman, (Industry), of the Fuel and Energy Research Forum.												

Tea will be served between 16.15 and 16.45 hrs.

The event organisers are Dr. Gerry Riley, Dr. Trudy Beeley and Dr. David J.A.McCaffrey.