

THE BIOMASS AND FOSSIL FUEL RESEARCH ALLIANCE, (BF2RA).
THE COAL RESEARCH FORUM, (CRF).

THE PRESENTATION OF A SELECTION OF PROJECTS FUNDED
THROUGH THE BF2RA RESEARCH PROGRAMME.

TUESDAY 15th OCTOBER 2013 AT 10.00.h.

ROOM B34, BOOTS SCIENCE BUILDING, UP-PHARMACEUTICAL
SCIENCES DEPARTMENT, UNIVERSITY PARK CAMPUS, UNIVERSITY
OF NOTTINGHAM

PROGRAMME.

- 10.00 – 10.30 Arrival – coffee.
- 10.30 – 10.40 **Welcome to University of Nottingham** – Professor Colin Snape, Director of the Engineering Doctoral Centre.
- 10.40 – 11.10 **An Introduction to BF2RA and an Overview of the Current Research Portfolio**, Mr. Greg Kelsall, Chairman of the BF2RA Members' Board and Chairman, (Industry), of the Coal Research Forum.
- 11.10 – 13.00 **SESSION 1, GENERIC AND CROSS-CUTTING RESEARCH**
(Session Chairman, Dr. Will Quick, BF2RA Board Member and CRF Executive Committee Member).
- 11.10 – 11.30 **Keynote Industrial Presentation** – Dr. David Waldron, Alstom Power Ltd.
- 11.30 – 12.00 **Dynamic Modelling and Simulation of Supercritical Coal-fired Power Plant with CO₂ Capture Ability**, Akeem Olaleye, University of Hull.
- 12.00 – 12.30 **Intelligent Flame Detection Incorporating Burner Condition Monitoring and On-Line Fuel Tracking**, Danny (Duo) Sun, University of Kent.
- 12.30 – 13.00 **Modelling Chemical and Micro-structural Evolution across Dissimilar Interfaces in Power Plant Alloys**, John Clark, University of Nottingham.
- 13.00 – 14.00 **LUNCH.**
- 14.00 – 15.20 **SESSION 2, BIOMASS RESEARCH**
(Session Chairman, Mr. Karl Bindemann, BF2RA Board Member).
- 14.00 – 14.20 **Keynote Industrial Presentation on Biomass Research**
Mr. Ralph Chamberlain, E.ON New Build and Technology Ltd.

14.20 – 14.50 **A New Classification System for Biomass and Waste Materials for use in Combustion,**
Philip Jenkinson, University of Nottingham.

14.50 – 15.20 **Low Temperature Ignition of Biomass,**
Professor Jenny Jones, University of Leeds.

15.20 – 15.50 **SESSION 3, PANEL DISCUSSION - BF2RA's Role in Meeting Research Needs**, (Lead by Peter Sage, Chairman of the Advanced Power Generation Division of the Coal Research Forum and Technical Officer for BF2RA. Panel will include BF2RA Board Members)

15.50 - 16.00 **CONCLUDING REMARKS.**
Prof. John Patrick, Chairman, (Academe), of the Coal Research Forum.

Tea will be served between 16.00 – 16.30.h.

Please note that the total time allocated for each of the BF2RA project presentations is 30 minutes (i.e. 25 minutes presentation and 5 minutes discussion).

The Event Organisers are Dr. D. J. A. McCaffrey and Mr. P. W. Sage.