Agenda
Joint Workshop on Energy and Coal
Indian Institute of Technology, Delhi; Indian Institute of Technology, Bombay
and Washington University in St. Louis

Location: IIT Delhi Campus
Tuesday, June 13, 2017

Host Organizers:
Shantanu Roy (IITD), A.K. Suresh (IITB) Sanjay Mahajani (IITB)

Objectives:
Explore the current state-of-knowledge and research at IIT and WUSTL in the fields of energy and coal;
Identify knowledge gaps and potential areas for collaborative research

The workshop will highlight energy and coal research being conducted at the three universities. There
will be four sessions:
1) State-of-the-art coal – High Efficiency Low Emission (HELE technologies),
2) Emissions from combustion sources,
3) Coal Gasification and
4) Carbon Capture and Storage.

Scott Hume, from the Electric Power Research Institute in the U.S. will lead off with a plenary lecture on
state-of-the-art technologies in the U.S. Three to four talks will be presented in each session from faculty
at the three universities. At the end of each session there will be a discussion, led by industrial
attendees. A layout of the Agenda is provided in the next page
AGENDA
Tuesday, June 13, 2017

8:45 am  Introduction and Welcome (IIT Delhi Administrators & Organizers)

9:00 am:  State-of-the-art coal - HELE technologies
9:00    Plenary: Scott Hume, Principal Technical Leader, Electric Power Research Institute, U.S.A.
9:30    Pratim Biswas (Washington University in St Louis) Control Methods: ESP technologies
9:45    IIT Delhi or IIT Bombay Speaker
10:00   Panel Discussion

10:20 am:  Coffee and Tea Break

10:40 am:  Emissions from combustion sources
10:40    Brent Williams (WUSTL) Source Emissions by State of the Art Instrumentation
11:00    Jay Turner (WUSTL) Air Quality Impacts of Combustion Sources
11:20    Virendra Sethi (IITB) Combustion Sources and 10 City Study
11:40    Panel Discussion

12:00 noon:  Lunch
Tuesday, June 13, 2017 (Afternoon Sessions)

1:30 pm:  
**Coal Gasification**
1:30    Sanjay Mahajani (IITB) Underground Coal Gasification
1:50    Other talks to be decided
2:30:   **Panel Discussion (Industry Participants)**

2:50 pm:  
**Break**

3:00 pm:  
**Carbon Capture and Storage**
3:00    R. Axelbaum (WUSTL) Staged Pressurized Oxy-Coal Technology
3:40    IIT Delhi Talk to be Decided
4:00 pm:  
**Panel Discussion (Industry Participants)**

4:30 pm:  
**Workshop Summary and Discussion (Led by R. Axelbaum)**

5:00 pm:  
**Workshop adjourns**