



Summary Minutes

Task 34 Pyrolysis meeting - Hamburg, Germany

April 6-8, 2011

*Doug Elliott,
Task 34 Leader
gives an update
on the recent
Pyrolysis
meeting*

"An important outcome of the meeting was the organization of an extension to the Round Robin analysis of bio-oil samples."



Figure 1: Left to right: Steffen Krzack, Daniel Nowakowski, Irene Watkinson, Paul de Wild, Anja Oasmaa, Fernando Preto, Dietrich Meier, Doug Elliott, Tony Bridgwater.

All National Team Leaders (NTLs) were present for the recent meeting of the Task 34 on Pyrolysis. The agenda items included country reports and formulation of a plan to publish the information; norms and standards developments and discussion of publication efforts for information on sulfur/nitrogen analysis and bio-oil transport and infrastructure issues, as well as an improved Material Safety Data Sheet (MSDS) for bio-oil; and the status of the Round Robin on bio-oil viscosity and thermal stability.

An important outcome of the meeting was the organization of an extension to the Round Robin analysis of bio-oil samples for viscosity and thermal aging to extend a portion at some of the study at some of the labs for a full year. The list of participants in the initial Round Robin includes 15 laboratories in the five participating countries. The bio

-oil samples were being distributed by CanMet with the expectation that the results will be received by the time this newsletter is published in June.

The group also toured the biomass pyrolysis laboratories of Dr. Meier at the Johann Heinrich von Thünen-Institut for Wood Technology and Biology at the University of Hamburg. Most of the members also took part in a study tour to the PyTec ablative fast pyrolysis pilot plant.

The next meeting of the Task is scheduled for October 3-4, 2011, in Richland, Washington, USA, including a tour of the Pacific Northwest National Laboratory pyrolysis and bio-oil upgrading laboratories.

**Doug Elliott
Task 34 Leader**