

Second Conference on Biomass and Waste Combustion, 16 - 17 February in Oslo**Conference Programme**

Updated 11 February 2010

Tuesday 16 February

08.00 Registration		
09.00 Opening session - Chairman: Sverre Aam, SINTEF		
Welcome and introduction		Sverre Aam, SINTEF
EC views on bioenergy		Jean-Pierre Schosger, European Commission
NextGenBioWaste - Towards a successful completion		Lars Sørum, NextGenBioWaste Co-ordinator
10.30 Coffee break		
11.00 Keynote session - Chairman: Lars Sørum, SINTEF		
Overview of legislative changes in the European Union that influence the future design and performance of WtE plants		Ella Stengler, CEWEP
Biomass in relation to 2020		Hans Nordström, Vattenfall
Energy from waste - Everywhere ?		Alfred Sigg, von Roll Inova
R1 as efficiency indicator of WtE plants - Status quo and optimization potential		Dieter O. Reimann, CEWEP
13.00 Lunch		
14.00 Corrosion & Fouling - Chairman: Ragnar Warnecke, GKS		
Boiler tubes with PPW overlay for higher steam temperature and efficiency in waste to energy plants		Oya Koji, Daido Steel Co. Ltd
High temperature corrosion of candidate materials for industrial boilers in biomass combustion and co-combustion environment		Jiri Krejčík, SVUM
Standard of cladding process in the biomass and waste combustion		Arne Manzke, Uhlig Rohrbogen
Contribution to the analysis of the corrosion process of modified 9%Cr-steels and iron aluminides under simulated incineration conditions		Markus Schmitt, Max Planck Institute für Eisenforschung GmbH
15.20 Coffee break		
15.50 Corrosion & Fouling - Chairman: Jean-Pierre Schosger, JRC		
Corrosion reduction in waste- and demolition wood fired boilers by means of additives: An extraordinarily corrosive case		Anders Hjømhede, Vattenfall Power Consultant AB
Assessment of low temperature corrosion on a waste fired boiler		Kenneth Villani, Keppel Seghers Belgium
Decreased corrosion at high temperature?		Annika Stålenheim, Vattenfall R&D
Numerical simulations of particle deposition on superheaters		Nils Erland Haugen, SINTEF
Process optimisation with the aid of on-line corrosion monitoring		Martin de Jong, KEMA
17.30 Closing		
18.00 Social programme		
20.00 Conference dinner		

Wednesday 17 February**08.30 High efficient WtE plants /Boiler optimisation - Chairman: Robert van Kessel, KEMA**

Boiler optimization: Reconstruction of three boilers at AVR	Hadeel Abdul Aziz, AVR-Alvalsverwerking B.V.
High efficiency waste incineration concept at AEB's plant in Amsterdam	Harmen Veldman, Atval Energie Bedrijf, Amsterdam
A full-scale demonstration of a new advanced control system for improved economy and ecology	Ragnar Warnecke, GKS-Gemeinschaftskraftwerk Schweinfurt GmbH
Optimisation of combustion process at reduced oxygen in EVI Europark WtE-plant	Eloi van der Meer & Maarten Stuifens, Visser & Smit Hanab

09.50 Coffee break**10.10 Biomass Combustion - Chairman: Frans Lamers, KEMA**

BFB furnace bottom retrofit for 100% waste wood firing - demo in Nyköping CHP	Christer Forsberg, Vattenfall Nordic Heat
The long-term effects of different biomass qualities in a grate boiler	Morten Fossum, Trondheim Energi
Renewable solid fuels replacing electricity and oil in an existing thermal energy market	Anid Dahlberg, Hafslund Fjernvarme AS

11.30 Lunch**12.45 Fuelbed, ash & emissions - Chairman: Peter Paul van 't Veen, TNO**

Monitoring the combustion process directly on the grate of Municipal Solid Waste incinerators	Jean-Pierre Schosger, Joint Research Centre of the EC
Detailed models for ignition and combustion of waste	Maarten van Blijderveen, TNO
High-dust selective catalytic reduction (SCR) of NOx give improved electrical efficiency and environmental performance at AZA's WtE plant in Brescia, Italy	Lorenzo Zaniboni, AZA
Developments in the management of solid waste incineration ashes	Frans Lamers, KEMA

14.15 Closing remarks Lars Serum, NextGenBioWaste Coordinator**15.00 Buses to airport**