

CenBio Poster Presentations at EUBCE 2016

Time	Title	Presenter
Monday 6 June	Old Versus New Wood Stove Technology for Domestic Heating in Norway: Environmental Impacts and Costs	Francesco Cherubini, NTNU
	Short-term effects of wood ash return to forest	Nicholas Clarke, NIBIO
	CenBio - enabling sustainable and cost-efficient bioenergy industry in Norway	Line Rydså, SINTEF Energi
Tuesday 7 June	Energy efficiency, environmental aspects and cost-efficiency of small-scale biocarbon conversion applications - value chain analysis	Rajesh S. Kempegowda, SINTEF Energi
	Computational Fluid Dynamics as an efficient design tool for wood stoves	Øyvind Skreiberg, SINTEF Energi
	Flue gas chemistry of NO and KCl during injection of ammonium sulphate – An experimental investigation in a biomass fired BFB boiler	Håkan Kassman, Vattenfall Research and Development
	Long term corrosion measurements during injection of ammonium sulphate in a biomass fired BFB boiler	Håkan Kassman, Vattenfall Research and Development
	Simultaneous Thermal Analysis (STA) as a Method For Prediction of Biomass Ash Thermal and Melting Behavior	Liang Wang, SINTEF Energi
	Characterization of ash deposits in a municipal Waste-to-Energy (WtE) plant	Liang Wang, SINTEF Energi
	Study of the composition and morphology of ash deposits and slag produced in a Waste-to-Energy (WtE) plant	Liang Wang, SINTEF Energi
	Analyses of MSWI ashes from domestic- and business waste plants	Bjarte Øye, SINTEF Materials and Chemistry
Wednesday 8 June	Microbial population dynamics in continuous reactors operating close to overloading with whey, cattle manure and fish ensilage	Roar Linjordet, NIBIO
	Life cycle Assessment and cost of a sewage sludge biogas plant in Norway	Carine Lausset, NTNU
Thursday 9 June	CO ₂ reactivity assessment of woody biomass biocarbons for metallurgical purposes	Øyvind Skreiberg, SINTEF Energi
	Carbon yield predictions in biochar based on stochastic reactor modelling	Kathrin Weber, NTNU
	Eulerian–Lagrangian simulation of thermochemical degradation of thermally thick biomass particles	Tian Li, NTNU

CenBio Oral Presentations at EUBCE 2016

Time	Title	Presenter
Monday 6 June	Bio-carbonization process integration for high quality energy carriers: charcoal, biomethane, biocrude, and biofertilizer	Rajesh S. Kempegowda, SINTEF Energi
	Operational mapping of a grate fired biomass combustion plant for improved process control	Roger A. Khalil, SINTEF Energi
	Life cycle Assessment and costs of the Norwegian Waste-to-Energy sector: Current situation and future perspectives	Carine Lausset, NTNU
	CFD simulation of industry sized biomass furnace	Tian Li, NTNU
Wednesday 8 June	Unraveling the knot between CO ₂ emissions from bioenergy and climate change	Francesco Cherubini, NTNU
	VEPAK - Innovative solutions ramping firewood packing productivity	Helmer Belbo, NIBIO
Thursday 9 June	Short-term ecological consequences of removal of harvesting residues for bioenergy from forests in Norway	Nicholas Clarke, NIBIO