

Residential wood combustion

IEA Bioenergy

Room 7, 13:30 – 17:00

Session 1 (13:30 – 15:00)

Introduction to biomass combustion and pollutant reduction in wood stoves and boilers

Thomas Nussbaumer, Verenum, Switzerland

Technical guidelines for design of low emission stoves

Morten Gottlieb Jespersen, Danish Technological Institute, Denmark

Influence of user behavior on emissions from firewood stoves

Robert Mack, TFZ Straubing, Germany

The new Blue Angel ecolabel certification method for firewood stoves

Ingo Hartmann, Deutsches Biomasseforschungszentrum (DBFZ), Germany

Coffee Break

Session 2 (15:30 – 17:00)

GrateAdvance - Advanced adjustable grate solutions for future fuel flexible biomass combustion technologies

Elisabeth Wopienka, BEST Bioenergy and Sustainable Technologies, Austria

Fuel improvements using kaolin as additive to pellets and chopped materials in residential boilers

Hans Hartmann, TFZ Straubing, Germany

Electrostatic precipitators for residential combustion technology – State of the art and future perspectives

Daniel Jud, ÖkoSolve AG, Switzerland

Advanced control concepts for biomass-based residential heating

Markus Gölles, BEST Bioenergy and Sustainable Technologies, Austria