Bergdala
BioenergyProf AB

Combustion, a two-day introduction course

Day 1 am: Introduction
Lecture 1 – Three perspectives on fuel fundamentals
Lecture 2 – An introduction to emissions
Lecture 3 – A graphic representation of combustion (start)

Day 1 pm: Environmentally friendly combustion and diagnostics
Lecture 3 – A graphic representation of combustion (cont.)
Lecture 4 – Air staging for NOx-reduction
Lecture 5 – Fuel quality variations and emissions (I)

Day 2 am: How to achieve stability
Lecture 6 – Fuel quality variations and emissions (II)
Lecture 7 – Ignition, combustion stability and emissions (I)
Lecture 8 – Ignition, combustion stability and emissions (II)

Day 2 pm: Combustion chambers, emissions and practical aspects
Lecture 9 – Residence time distributions
Lecture 10 – Different combustion chambers and their properties

Literature: Compendium distributed with the course