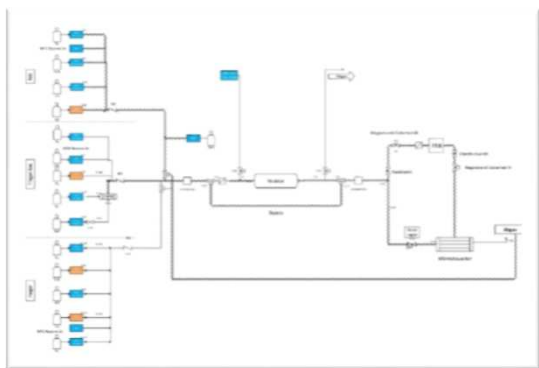
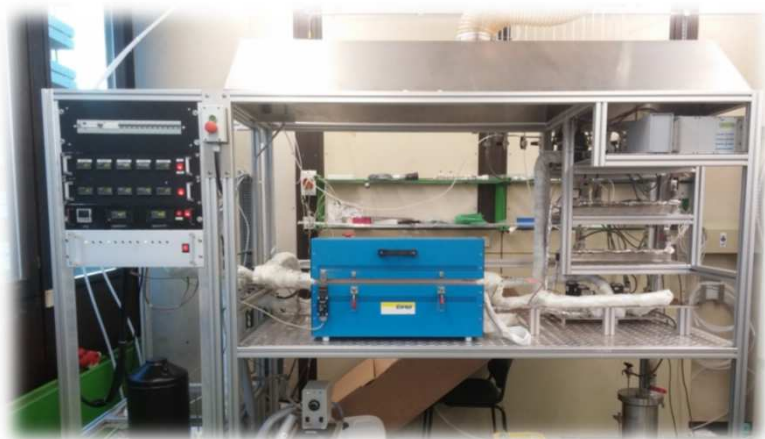


Lab test benches: NSC setup



Staff: Andreas Gremminger, Sven Lichtenberg

Tests of catalyst powders and catalyst coated honeycombs (d = 1 – 2.54 cm, length < 5 cm)

Labview automatic controlled measurements

Fast switches in gas composition (> 2-10 s) possible

Gases: CH₄, CO, CO₂, NH₃, NO, NO₂, O₂, Air, N₂, H₂, H₂O, C₃H₆, SO₂

Temperature: RT – ~750°C

Pressure: 1 atm

Flow: 0.5 - 10 slpm

Gas analytics: FTIR

Applications: NSC, DOC, SCR, TWC, gas engine

Available for teaching, research, and service