

Sascha Kersten holds a degree in Chemical Engineering from the University of Amsterdam. His master thesis was on modeling and control of complex chemical plants. He began his career at ECN (the Dutch Energy Foundation) working on modeling of dynamic systems. At ECN he also started to work on biomass conversions. In 2002, he finished this PhD thesis concerning biomass gasification in circulating fluidized beds. Since 2003 he is working at the University of Twente (UT) on thermochemical conversions of biomass. Currently he is the chair of the Sustainable Process Technology Group. He is working on energy savings in the chemical industry by improved separations, CO<sub>2</sub> capture and utilization, water purification, recovery/recycling of scarce elements and thermochemical conversions of biomass.