


Dr. Oliver Busse Biography

	
Name: Dr. Oliver Busse	
Organization: Technische Universität Dresden	
Profile Weblink: https://tu-dresden.de/mn/chemie/ac/ac3/die-professur/group/dr-oliver-busse	
<p>Oliver Busse obtained his diploma in Chemistry in 2008 and his Dr. rer. nat. in 2013 from Technische Universität Dresden, Germany. He was supported by Evonik Foundation for his PhD thesis. Since 2012, he is scientific assistant and supervisor in the industrial chemistry group, faculty of chemistry and food chemistry, school of science, Technische Universität Dresden. His research activities are focused on the development and improvement of innovative catalyst systems via synthetic and post-synthetic strategies for application in petrochemical industry and resource change to biogenic and fossil residues. The basic research aspects are: Hydrogen supported cracking of biogenic residues using hierarchical alumino-silicates; Production of industrial catalysts for preferred propene production and stabilization for biogenic co-feeding in FCC-process; Refinement of biomass-based resources to fuel and high value chemicals.</p>	

Awards and Scholarships:

2008-2011	Scholarship – PhD Thesis
	Evonik Foundation
2013	Teaching Award
	<i>Faculty Students` Council of Chemistry and Food Chemistry, Technische Universität Dresden</i>