

Name	Andrea Kruse, Prof. Dr. habil. Dipl. Chem
Date of birth	07.10.1964 (in Braunschweig, Germany)
Gender	female
Address	University Hohenheim Institute of Agricultural Engineering; Conversion Technologies of Biobased Resources (440f) Phone +49 711-459 24700
Current position and status	Chair holder and full professor: “Conversion Technologies of Biobased Resources”
Scientific degrees	
06/2006	Dr. habil. rer. nat., Habilitation and <i>venia legendi</i> Chemical Technology, Technical University Darmstadt
07/1994	Dr. rer. nat. , dissertation in Applied Physical Chemistry and at the Research Centre Karlsruhe, University of Heidelberg
01/1991	Dipl. Chem. University of Heidelberg, Applied Physical Chemistry
Professional career	
2016	Rejected offer for a full professorship of the Technical University of Munich
03/2012 - today	Full professor (W3) at University Hohenheim, Institute of Agricultural Engineering, Chair holder
01/1997 - 03/2014	Senior scientist at the Research Centre Karlsruhe / Karlsruhe Institute of Technology; Institute for Catalysis Research and Technology
07/1994 – 01/1997	Post-doc at the Research Centre Karlsruhe
Honorary positions	
2008	Member of the ProcessNet Board “High-Pressure Process Engineering”
2008	Member of the Editorial Board of „The Journal of Supercritical Fluids“
2013-2018	Member of the VDI DIN Committee for the “Emissions of the Carbonization”
2012	Member of the VDI board for Agricultural Engineering

2013	Member of the scientific board of the Leibniz Institute for Agricultural Engineering and Bioeconomy, Potsdam-Bornim.
2016	Member of the scientific board of the German Biomass Research Centre (Deutschen Biomasse-Forschungszentrum)
Research fields	
	<ul style="list-style-type: none"> - Hydrothermal carbonization - Hydrothermal liquefaction - Hydrothermal gasification - Production of platform chemicals from biomass - Slow pyrolysis and the production of activated char - Applications of char as soil improver - Reactions in supercritical water or carbon dioxide - Scale-up in chemical engineering - LCA and LCC - Kinetic modelling of chemical reactions