

## 5<sup>th</sup> defense of a doctoral theses in one year: Marie-Luise Anke concludes the series

Congratulations!

On December 17, 2018, Marie-Luise Anke defended her doctoral theses about “Determination of the thermal stability of ionic fluids on porous supports and on solid catalysts by electrical sensors” (German original title: “Bestimmung der thermischen Stabilität von ionischen Fluiden auf porösen Trägern und festen Katalysatoren mittels elektrischer Sensoren”).

The research work for the dissertation was jointly conducted at the Department of Functional Materials and the Department of Chemical Engineering (Prof. Jess). The related project was funded by the German Research Foundation (DFG).

Dr. Anke already published parts of her thesis in peer-reviewed journals. Examples are:

M.-L. Anke, M. Hämmerle, A. Jess, R. Moos, Radio frequency- and impedance-based sensing of ionic liquids supported on porous carriers and their limitations, *Sensors and Actuators B: Chemical*, **273**, 1564-1571 (2018), doi: 10.1016/j.snb.2018.07.036

M.-L. Anke, M. Hämmerle, J. Gerchau, R. Moos, A. Jess, Radio Frequency-Based in situ Determination of the Mass Loss of Supported Ionic Liquids, *Chemical Engineering and Technology*, **40**, 1660-1665 (2017), doi: 10.1002/ceat.201700190



From left to right: Prof. Brüggemann, Prof. Moos, Dr. Anke, Prof. Jess, and Prof. Rieg