

Bastian Plochmann defended his doctoral thesis

Congratulations!

Bastian Plochmann defended his doctoral thesis about polymer-oxide composite materials for novel thermoelectric generators (German original title "Polymer-Oxid-Verbundwerkstoffe für neuartige thermoelektrische Generatoren mit großer Designfreiheit") on July 22nd, 2014.

Dr. Plochmann conducted his research in the framework of the project "thermo-oxide power (TOP)", a collaboration between the companies Merck (Darmstadt) and Siemens (Erlangen), and two laboratories in Bayreuth (Prof. Fischerauer and Prof. Moos). The project was funded by BMBF.

Dr. Plochmann already published a part of his thesis in "B. Plochmann, S. Lang, R. Rüger, R. Moos, Optimization of thermoelectric properties of metal-oxide based polymer composites, *Journal of Applied Polymer Science*, **131**, 40038 (2014), doi: 10.1002/app.40038" and in "H. Tjoa, B. Plochmann, G. Fischerauer, Modeling and design of tubular thermoelectric generator used for waste heat recovery, *11th European conference on thermoelectrics*, Noordwijk, The Netherlands 2013".

He is now with Siemens AG in Erlangen, Germany



Picture from left to right: Prof. Moos, Prof. Emmerich, Dr. Plochmann, Prof. Fischerauer, Prof. Brüggemann.