



4<sup>th</sup> International Symposium on  
**E**nergy **C**hallenges & **M**echanics  
- working on small scales

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Aberdeen, Scotland, UK

### **Speaker of Session 06**

### **THERMOELECTRICS**



Mrs. Oetringer graduated at Trier University of Applied Science in December 2011 and was awarded the master degree in automotive engineering. During her Master's thesis she dealt with thermal recuperation of exhaust heat of internal combustion engines by means of Organic-Ranking-Cycles for Daimler AG. Since then she stayed in the topic of thermal recuperation in vehicle application. At the Institute of Vehicle Concepts of the German Aerospace Centre (DLR), where she is working as research assistant since 2012, her focus in this field switched to thermoelectric energy conversion.

At the DLR she leads the laboratory, where prototypes of thermoelectric generators are built and tested. Furthermore she expedites the design of new TEGs with simulative calculations and develops new design methods.

