



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

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### **Speaker of Session 23**

#### **THIN FILM TECHNOLOGY FOR ENERGY APPLICATIONS**



Maria Nitzer-Noski is a PhD student at the Institute of Energy Process Engineering and Chemical Engineering of TU Freiberg (group of Prof. Kureti) in Germany since December 2012. She received her Master degree in chemistry in 2011 at University Leipzig.

Her work is focused on heterogeneous catalysis in exhaust gas aftertreatment, particularly soot oxidation in particulate filters. She is currently developing a catalyst based on manganese oxide layers for the application under gasoline conditions.

The group of Prof. Kureti deals with catalytic soot oxidation since many years, which is reflected by more than 25 papers in this field.

