



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

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### **Invited Speaker of Session 18**

#### **MECHANICS OF NANOPOROUS MATERIALS FOR ENERGY APPLICATIONS**



Nadiia Mameka studied Applied Physics at National Aviation University (Kyiv, Ukraine), where she received her B.Sc. She completed her M.Sc. in 2009 from Moscow Institute of Physics and Technology with specialization in Materials Science. She worked as a research assistant at Institute for Problems of Materials Science (National Academy of Sciences of Ukraine) during 2009-2011. She was a DAAD fellow at Institute of Materials, Ruhr-University (Bochum, Germany) in 2010 and since 2011 a PhD student at Helmholtz-Zentrum Geesthacht (Germany). Current research is focused on nanoporous metals, in particular synthesis, electrochemical characterization, and mechanical properties.

