



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

11-13 August 2015  
Aberdeen, Scotland, UK

### **Speaker of Session 18**

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



Dr. Jesse Jur is an Assistant Professor of Textile Engineering, Chemistry & Science at NC State University's College of Textiles. He received his Ph.D. in Materials Science and Engineering from N.C. State and has spent the last 12+ years researching primarily at the nanoscale, including experiences in the semiconductor and opto-electronics industries. His research focuses on integration of novel materials that enable enhanced platforms in electronic systems within a textile construct.

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