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**E**nergy **C**hallenges & **M**echanics  
- working on small scales

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### **Speaker of Session 01**

#### **LITHIUM-ION BATTERIES**



Dr. Bertrand Philippe is currently a Postdoc at Uppsala University (Sweden) at the Division of Molecular and Condensed Matter Physics in the group of Prof. Håkan Rensmo. He obtained his PhD in 2013 from Pau University (France) and Uppsala University within a shared project under the supervision of Danielle Gonbeau (IPREM, Pau) and Kristina Edström (Department of Chemistry-Ångström, Uppsala) and was mainly working on Si-based anodes for Li-ion batteries. He received in 2009 his engineer degree from ENSCPB at Bordeaux (France). His current research focuses on the use of Photoelectron Spectroscopy (PES) to investigate energy storage systems such as Li-ion and Na-ion batteries as well as energy conversion systems such as solar-cells systems.

