



4th International Symposium on

Energy **C**hallenges & **M**echanics

- working on small scales

11-13 August 2015
Aberdeen, Scotland, UK

Speaker of Session 10

SUPERCAPACITORS



Roger Amade Rovira received his PhD in Natural Sciences from the University of Hannover (Germany) in 2006. As a postdoctoral researcher he worked on hybrid solar cells in the Institute of Materials Science of Barcelona (ICMAB) and later on carbon nanotubes in the Department of Applied Physics in the University of Barcelona (UB). Since 2012 he is associate professor at the University of Barcelona where he teaches courses of physics and nanotechnology. His research focuses on the development of nanostructured electrodes to improve the performance of energy storage and renewable energy devices such as supercapacitors, lithium ion batteries and microbial fuel cells. Since 2013 he also works as a researcher at Advanced Nanotechnologies S.L., a spin-off company of the UB, where he develops specific surface treatments to

modify their physico-chemical properties.

4th International Symposium on Energy Challenges and Mechanics

- working on small scales

11-13 August 2015, Aberdeen, Scotland, United Kingdom

