



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 10

### SUPERCAPACITORS



Dr. Jose J. Quintana received his Ph.D. degree in 2011 from the University of Las Palmas de Gran Canaria, Spain. He worked from 1994 to 2003 in an electrical company in topics such as electrical protections, automation and commissioning. Since 2004 he is professor at the University of Las Palmas de Gran Canaria, where he teaches courses related to process control and robotics. His research focuses on the development of active power filters, algorithms applied to power electronics and the use of fractional calculus to find mathematical models applied to supercapacitors both in the frequency and time domain. He has attended several international conferences and has several articles related to fractional models applied to

supercapacitors, and related to power electronics.

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