



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 05

#### GRAPHENE-BASED NANOTECHNOLOGY FOR ENERGY APPLICATIONS



Veronica Barone earned her undergraduate degree (2000) and Ph.D. (2003) in physics from the University of Buenos Aires (Argentina). After a postdoctoral work at Rice University, she joined the Physics Department at Central Michigan University. Her research focuses on density functional theory modeling of nanoscale materials for applications in energy storage, molecular magnetism, electronic devices, drug delivery, and characterization methods. During the past seven years, her research has focused on understanding the chemical and physical properties of low-dimensional carbon materials for energy storage applications. Her work has been cited more than 2500 times.

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