



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 04

#### BEYOND LITHIUM ION BATTERY



PhD in Materials Science and Technology at the Polytechnic of Turin (Italy) in 2003 discussing a thesis on  $\text{LiFePO}_4$  as cathode material for Li-ion batteries. During his PhD course was for a six-months stage by Prof. Goodenough at the University of Texas at Austin (USA) in 2002.

After a year as post-doc at the Polytechnic of Turin (Italy) and 6 months post-doc at the Sapienza University in Rome (Italy) working on Li-ion battery materials, became research scientist at Acta S.p.A. in Italy, setting up the electrochemical tools for the research and development of electrocatalysts for

alkaline fuel cells and electrolysers.

Since 2010, staff scientist at the department of Chemistry of the Technische Universitaet Muenchen in the Chair of Technical Electrochemistry, led by Prof. Hubert A. Gasteiger. There he contributed to the beginning of the research group, dealing with research investigations on Li-O<sub>2</sub> batteries, then working on non-noble metal catalysts for fuel cell and lately also on in-situ/operando characterization on Li-S and Li-ion batteries.

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