



4th International Symposium on
Energy **C**hallenges & **M**echanics
- working on small scales

11-13 August 2015
Aberdeen, Scotland, UK

Speaker of Session 17

ENERGY HARVESTING



Francesco Guido graduated in 2011 in Telecommunications Engineering at the Università del Salento, Italy. In 2015 he finished the PhD thesis on the topic of energy harvesting by environmental vibrations and air flows by using piezoelectric devices. He is continuing its work at the Center of Biomolecular Nanotechnologies of Istituto Italiano di Tecnologia (CBN-IIT).

Actually, he is working on the design and fabrication of new prototypes of piezoelectric energy harvester and on the optimization of the quality of Aluminium Nitride (AlN) thin films grown by sputtering deposition on flexible substrates. He is co-author of

an Italian patent on the realization of a flexible flag-shape piezoelectric device based on AlN for the energy harvesting by low speed air flows.

