



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

11-13 August 2015
Aberdeen, Scotland, UK

Speaker of Session 23

THIN FILM TECHNOLOGY FOR ENERGY APPLICATIONS



Dr. Peiqing YU received her PhD in electronic in Group of electrical engineering of Paris (a laboratory of Centrale SUPELEC, CNRS, University of Paris-Sud and Pierre and Marie Curie University in France) in 2011. She is currently a researcher in the laboratory of “Conditions Extrêmes et Matériaux : Haute Température et Irradiation” at CNRS in France. Her work focuses on the efficiency improvement of thin-film photovoltaic panels by incorporating the noble metallic nanoparticles within the cell (Plasmonics Engineering).

From her PhD, she has been working successfully for characterizations (optical, electrical and morphological) and virtual simulation (optical and electronics) of thin film semiconductor, especially for photovoltaic application. Her post-doctoral work () for an opt-electronic characterization system is submitted to file a patent of CNRS.

