



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

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Speaker of Session 7

NANOTECHNOLOGY FOR GENERATORS



Dr. Noelle Gogneau, received her Master degree in Physics in 2001 from the Toulouse III – Paul Sabatier University (France) and her PhD degree in Physics in 2004 at the Grenoble - Joseph Fourier University. After a post-doctoral position at the Laboratory of Physics of Nanostructures – EPFL – Lausanne, Switzerland from 2004 to 2006, centered on the growth of nanostructures on patterned substrate by MOVPE, she joined the Laboratory for Photonic and Nanostructures as CNRS researcher in 2006. From 2011, her research activity is mainly focused on the growth by PA-MBE of nitrides nanowires and their structural and piezoelectric characterization. She currently leads the activity on piezo-generators based on III-N NWs. N. Gogneau is also the leader of the

axis “nanostructuration surface” of the new French national research group PULSE, dedicated to epitaxy of semiconductor systems with an in-depth understanding of the growth mechanisms and the development of innovative approach in order to allow major progress.

