



Pilar Di Martino

Research Area: Exploration Geophysics & Rock Physics

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Brief Summary

I have been working on rock-physics to field characterization of seismic attenuation from scattered wavefield. The aim is to explore the connection between coda attenuation (seismic) and rock properties (petrophysical/mineralogical), and lay down the use of these parameters to develop new imaging techniques of heterogeneous sequences at field scale.

Education: MSc in Geophysics – University of Aberdeen, UK
BSc in Geophysical Engineering – Universidad Simon Bolivar, Venezuela.

Research interests: Petrophysics, attenuation and scattering tomography, imaging of heterogeneous reservoirs.

Thesis title: Imaging of unconventional reservoirs and geological interpretation in porous, heterogeneous environment via integrated seismic, petrophysical and mineralogical techniques

Supervisors: Prof. Andrew Putnis & Dr. Stephanie Vialle (Curtin University)
Dr. Luca De Siena & Dr. David Healy (University of Aberdeen)

Conferences:

AGU 2019: Rock physics and mineralogical characterization of seismic attenuation in volcanic rocks.

EGU 2019: Seismic envelopes at laboratory sample scale from rock physics measurements

Links: <http://aberdeencurtinalliance.org/>