



INSTITUTO
DOM LUIZ



IDL Meetings

A sand grain story



from sedimentary source to the AD 1755 tsunami deposit

Friday 31st March 13:00 - IDL Library, room 1.1.36

Pedro Costa, Instituto Dom Luiz

Departing from the analysis of sand grains, Pedro Costa will present a reconstruction of the AD 1755 tsunami inundation paths in the Algarve region.

Pedro Costa is a sedimentologist with a strong interest in the study of coastal processes using geomorphological and sedimentological data coupled with physical and numerical modelling. He uses these tools to understand morphological and sediment changes caused by natural hazards (e.g. tsunamis and storms) and their impacts on the environment.

With collaborators he has also worked on the establishment of sediment provenance relationships in siliciclastic environments, in aspects of aeolian sediment transport, on Antarctic soils and archaeological investigations related to the end of the Roman Empire.