

General Theme 6

6.1

This session covers a wide range of techniques, such as XRF (X-ray fluorescence), micro computed-tomography (micro-CT), helical computed-tomography (helical-CT), and hyperspectral imaging, that are used to image and evaluate sediment core samples in a non-destructive manner. Topics evaluated include hydrocarbon reservoir quality (porosity and permeability), palaeontology, physical sedimentary structures, and biogenic sedimentary structures.

This session aims at bringing together users of these various non-destructive research tools and interested audience in order present the most recent developments in that field as well as examples of successful applications and cross-fertilization with other scientists involved in sedimentary basin analyses and resource evaluation.