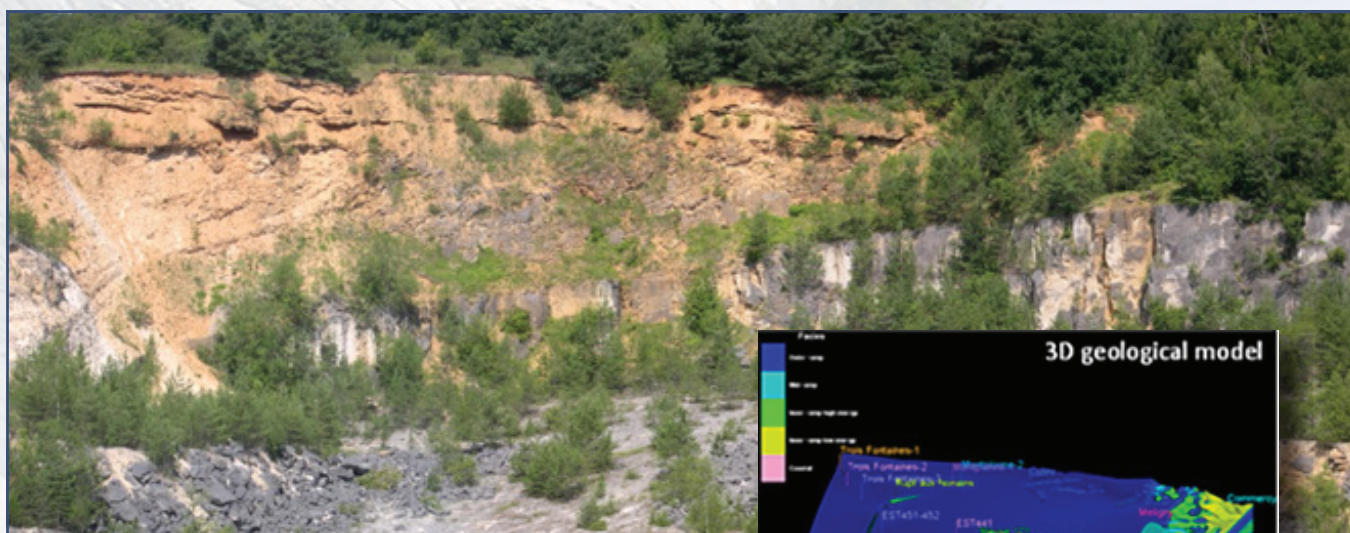


Jurassic carbonate platforms of NE France: From outcrop to 3D reservoir modelling

This 3 to 5 day field course provides an excellent illustration of an integrated workflow leading to high resolution 3D models, starting with a review of the constraints to the static model acquired from the field scale to the subsurface data, and including sedimentary architectures, and distribution and evolution of petrophysical properties through diagenesis.



The Jurassic outcrops of North Eastern Paris Basin are exceptional quality analogues for several producing oil fields, especially regarding sequence stratigraphy features and typical carbonate platforms architecture. Recent diagenetic and petrophysical investigation performed on selected outcrops and in equivalent subsurface data provided a unique opportunity of proposing a complete and integrated study of these Jurassic shallow marine carbonates, achieved by a 3D high resolution reservoir model.

Who should attend?

Geologists, geophysicists, petrophysicists or reservoir engineers.

Fundamentals of carbonate sedimentology may be a useful prerequisite. However, a brief training/reminder of sedimentological logging in carbonates is scheduled during the trip, including a review of classical carbonate facies (textures, faunal content, sedimentary features).

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