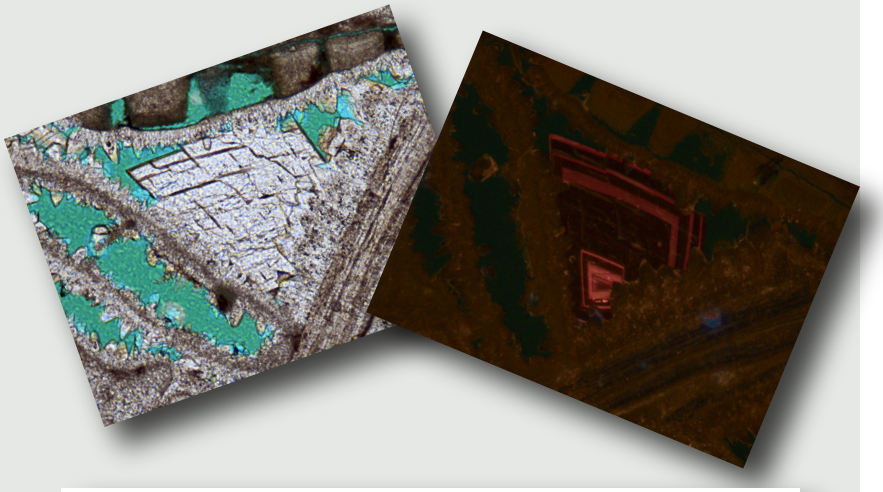
Cambridge Carbonates Ltd
Expertise in carbonate and evaporite systems

RESERVOIR CHARACTERISATION 2: CARBONATE DIAGENESIS, MATRIX PROPERTIES, DUAL POROSITY SYSTEMS AND EXCESS PERMEABILITY
17-18 November 2022

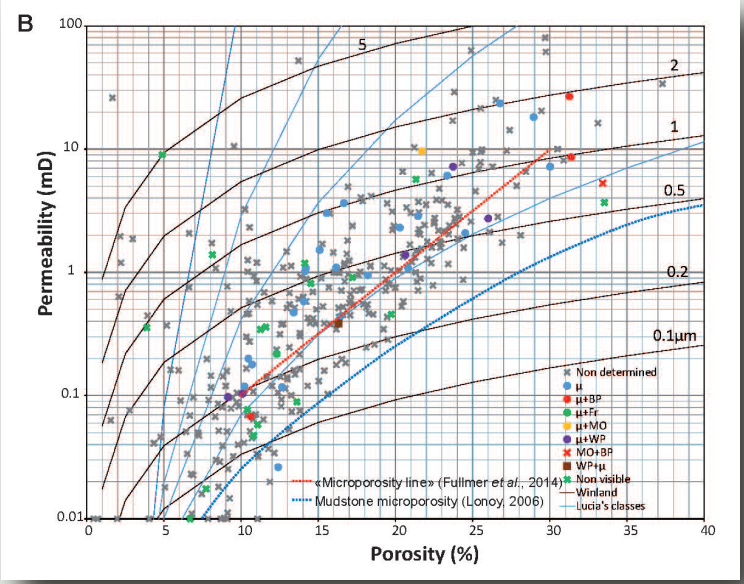
This course offers a practical introduction to the techniques and work flows involved in carbonate studies aimed at diagenesis and its impact on primary pore systems. This course also provides and introduction to the controls and distribution of pore types, porosity and permeability in carbonate reservoirs examining the controls and origins of dual porosity systems and excess permeability.

This is aimed at sedimentologists, stratigraphers and non-specialist geologists who use subsurface data to build static and dynamic reservoir models. We recommend that you also consider participating in the parallel course Reservoir characterisation 1 that covers reservoir architecture.



Key learning objectives:

- Describing the links between the environments, processes and products of carbonate diagenesis and how there affect the evolution of carbonate porosity from deposition through burial.
- To describe the classical work flow involved in the study of carbonate diagenesis to identify diagenetic features and their impact on pore systems and to reconstruct a paragenetic sequence.
- To discuss models for dolomitisation and dolomite reservoirs.
- To describe the methodology and information that more advanced studies such as stable isotopes and fluid inclusions can provide.
- To discuss matrix properties and the implications for reservoir layering and flow units.
- To discuss the origins and significance of dual porosity, and particularly of excess permeability zones in carbonate reservoirs.



COST: GBP £950 per person

To register for a course please go to our dedicated site: **www.cambridgecarbonates.com/virtualcourses**

Courses will be presented through TEAMS. Further info contact Benoit: benoit@cambridgecarbonates.co.uk