

CARBONATES IN MIXED EVAPORITE-CARBONATE SYSTEMS 19-21 July 2022

Not only do petroleum systems in mixed **carbonate–evaporite** basins worldwide offer rich potential for conventional reservoirs but often contain **additional reservoir types** that can be identified with insights into diagenetic and halokinetic processes.

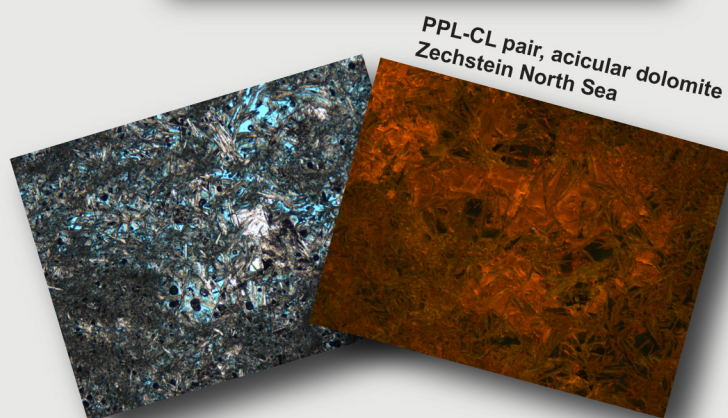
This workshop presents the **latest developments** in mixed carbonate-evaporite systems focussing on carbonate deposition, sequence stratigraphy and salt tectonics. It is aimed at geoscientists exploring for carbonate reservoirs and those concerned with the characterisation and development of carbonate reservoirs in mixed carbonate–evaporite systems.

Key topics to be covered:

- Overview of petroleum systems in carbonate and evaporite systems.
- Work flows for studying mixed carbonate-evaporite systems.
- Sequence stratigraphy and stratigraphic geometry of mixed carbonate – evaporite systems and facies models; late Palaeozoic of NW Europe.
- PreCambrian, Khuff, Triassic-middle Jurassic, Gotnia/Hith/Arab D (Jurassic) and Tertiary mixed carbonate evaporite systems of the Middle East.
- Syn-depositional interplay of carbonate and salt systems; Arabian Gulf, Red Sea, Spain and Mexico.
- Post-depositional interplay of carbonate and salt systems; Mexico, Oman, Zechstein, and post-salt carbonates of the southern Africa Atlantic margin.
- Diagenesis of carbonate – evaporite systems; mechanisms of dolomitisation and generation of reservoir quality.
- Evaporite dissolution, karst, collapse brecciation and associated diagenesis
- Diagenesis and fluid flow around salt diapirs.



Bottom growth anhydrite, Jurassic Kuwait



PPL-CL pair, acicular dolomite
Zechstein North Sea

COST: GBP £1425 per person

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Courses will be presented through TEAMS. For further info contact Pete: pete@cambridgecarbonates.co.uk