

## CARBONATE CORE LOGGING 17 August 2022

Cores, especially legacy core will play a significant role in future exploration, production, geothermal and CCS studies. This workshop focusses on the best strategies to maximise the geological information derived from core data of varied vintages. This workshop emphasizes the appropriate methodology of core description so that key data can be obtained efficiently and respecting the limitations of the data.

The workshop covers:

### Core logging:

- Templates for siliciclastic, carbonates, evaporites and mixed systems.
- Different data types require differing ways to record and express these data.
- Lithology, grain size and carbonate classification.
- Sedimentary structures and components.
- Integrating microfacies data into the core description.
- Coarse-grained karst and collapse breccias that form cross-cutting geobodies.

### Using legacy core:

- Strategies for maximizing information from core with varying quality of preservation.
- Adapting the core description to the core quality



Image logs and dip data integrated with core is a very powerful tool to describe and understand sedimentology, sequence stratigraphy and structural history. This section of the course focusses on capturing, expressing and interpreting the combined core, image log and dip data. The practical value of using image data in parallel with core descriptions is illustrated by the following case histories:

- Expression and interpretation of carbonate structures and textures in image logs.
- Using image and dip data in sedimentological and sequence stratigraphic studies.
- Expression of karst and breccia in an image log.
- Reconstructing the structural history of a karst reservoir.
- Using image and dip data to constrain correlation in deep water carbonates

**COST: GBP £475 per person**

To register for a course please go to our dedicated site: [www.cambridgecarbonates.com/summercourses](http://www.cambridgecarbonates.com/summercourses)

Courses will be presented through TEAMS. For further info contact Pete: [pete@cambridgecarbonates.co.uk](mailto:pete@cambridgecarbonates.co.uk)