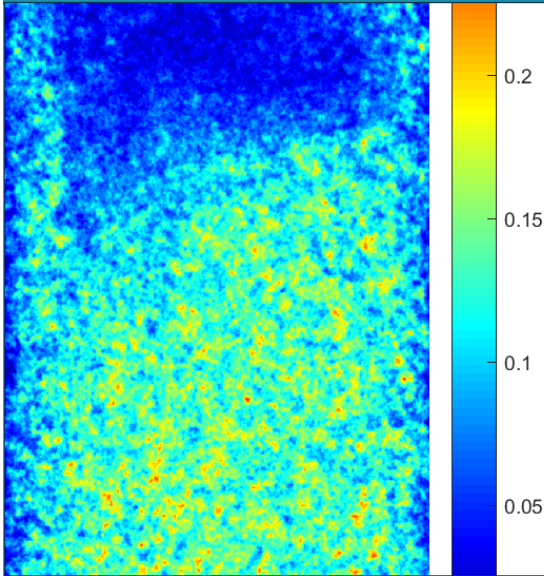


# CARBONATE

Carbonate reservoirs quantitative characterization & modeling workflows: application on mature fields for CO<sub>2</sub> storage



## The main objective

is to improve the quantitative assessment of the fluid flow properties in carbonate reservoirs that are influenced by diagenesis and/or would be influenced by fluid-rock interactions, through the development of novel approaches (beyond the state of the art), laboratory experiments as well as digital and numerical solutions

### The program aims at:

- **MULTISCALE DIAGENETIC ROCK-TYPING** – to produce all necessary data to build static reservoir models that honour diagenesis and its impact on flow properties
- **ADVANCED RESERVOIR MODELING** – to provide numerical solutions for dynamic reservoir modeling with multi-scenarios approach, including key diagenetic processes impact on flow properties



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