



Photo: M. Felder

DGMK/KIT Short Course

# Applied Clastic Diagenesis

Geo-Energy Systems & Subsurface Technologies Division

4 October - 6 October 2023, Karlsruhe

## Registration

[www.dgmk.de/veranstaltungen](http://www.dgmk.de/veranstaltungen)

## Contact us

Dr. Susanne Kuchling

[susanne.kuchling@dgmk.de](mailto:susanne.kuchling@dgmk.de)

Ines Musekamp

[ines.musekamp@dgmk.de](mailto:ines.musekamp@dgmk.de)

## Organizer

DGMK e.V.  
Große Elbstraße 131  
22767 Hamburg  
[www.dgmk.de](http://www.dgmk.de)

## Aims of the Short Course:

- Learn about the classically applied tools and workflows in clastic diagenesis
- Learn the light microscopic recognition of the main detrital and diagenetic components
- Develop an understanding of realistic diagenetic processes, their relative and absolute timing and their effect on reservoir properties (Archie parameters (m- and n-values),  $S_w$ , petrophysics, formation damage)
- Assess reservoir quality differences and their causes
- Learn to use physical and chemical rules to distinguish diagenesis myths from realistic diagenetic processes in order to build data-based diagenesis models

