



6th School on “Controls on Sandstone Diagenesis” - 8-12.09.2025

We are happy to announce the 6th School on Sandstone Diagenesis. This year the school will be held at the Geology Department of the Georg-August University of Göttingen (Germany) from the 8th to the 12th of September 2025. The school is also offered as a pre-course to the Geo4Göttingen general meeting in collaboration with four leading scientific societies: the German Geological Society (DGGV), the German Society for Geomorphology (DGGM), the German Mineralogical Society (DMG), and the Paläontologische Gesellschaft (PalGes).

We will tackle both traditional and innovative concepts for enhanced understanding of controlling processes on diagenesis with a strong focus on data acquisition, interpretation, and modelling. The school provides a state-of-the-art review of the following topics: (i) pre-depositional controlling parameters that determine the generation and redistribution of sediments within sedimentary environments; (ii) hydraulic sorting and depositional facies as predisposing factors on early diagenesis; (iii) relationships between sedimentology and diagenetic processes; (iv) modelling of compositional data as a tool for understanding and predicting texture; (v) how sand transforms to sandstone: controls on compaction and the formation of carbonate, clay mineral, and quartz cements and replacements (vi) diagenesis in carbon capture and geothermal energy case studies. Practice and case studies will focus on especially the Late Permian – Early Triassic successions of the Central European Basin System

Course Leaders

Dr. Luca Caracciolo (FAU Erlangen-Nuremberg, GER)
Dr. Linda Bonnell (Geocosm LCC, Durango, CO, USA)
Dr. Robert Lander (Geocosm LCC, Durango, CO, USA)
Dr. William Heins (Getech Group plc, Leeds, UK)

Speakers

Dr. Steven Crews (Chargerisk, Houston, TX, USA)
Dr. Meike Janssen (FAU Erlangen-Nuremberg, GER)
Additional invited Speakers will be announced shortly

Participation fees

PhD students **800 €**
Post-Docs and Academic staff **1200 €**
Professionals from the Industry **2500 €**

Application

Send a motivation letter and CV to the contact email.

Fellowships

30% reduction for up to 5 PhD students (selected from the motivation letters) participating to the the Geo4Göttingen meeting.

Registration deadline: 15th of May 2025

Info: <https://www.gzn.nat.fau.eu/applied-sedimentology/diagenesis>

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