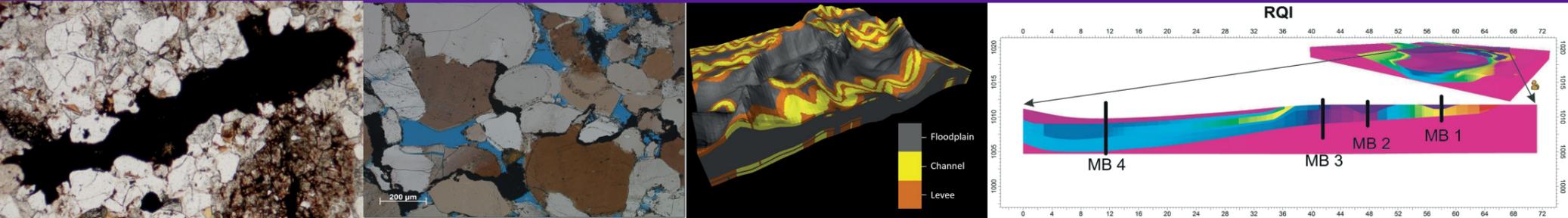


3rd School on Diagenesis of Siliciclastic Sediments. 22nd-26th.08.2022 – Erlangen (Germany)

Controls on sandstone diagenesis



The Applied Sedimentology group at the GeoZentrum NordBayern (FAU Erlangen-Nuremberg) in collaboration with Geocosm LLC., are happy to announce the 3rd School on Sandstone Diagenesis. The school will be held at the Geozentrum NordBayern in Erlangen (Germany) from the 22nd to the 26th of August 2022 and will be focused on both traditional and innovative concepts for enhanced understanding of controlling processes on diagenesis and their implications for data interpretation and modelling. In particular, this edition will explore novel applications of diagenesis to geothermal, carbon sequestration, and hydrogen storage reservoirs.

The School: aims at providing both state-of-the-art and innovative concepts on (i) pre-deposition controlling parameters determining the generation and redistribution of sediments within sedimentary environments; (ii) hydraulic sorting and depositional facies as predisposing factors on early diagenesis; (iii) relationship between sedimentology and diagenetic processes; (iv) modelling of compositional data as tool for understanding and predicting texture; (v) how sand transforms to sandstone: controls on mechanical and chemical compaction and the formation of carbonate, clay mineral, and quartz cements. Theoretical courses will be integrated with practical lessons and exercises with emphasis on data acquisition, interpretation and compositional data processing and diagenetic modelling for Reservoir Quality prediction, Carbon Capture Storage, and geothermal energy. Guest academic and industry professionals will integrate and enrich the scientific program of this edition.

Course leaders: Dr. Luca Caracciolo (Friedrich-Alexander University, Erlangen, Germany)
Dr. Rob Lander (Geocosm LCC, Durango, USA)
Dr. Linda Bonnell (Geocosm LCC, Durango, USA)
Dr. William A. Heins (Getech Ltd. Leeds, UK)

Participants: Max. 25 including Ph.D. students, post-docs and professionals from the industry. Basic knowledge on diagenesis and sedimentology would be an advantage.

Participation fees: Ph.D. students **500 euros**
Post-docs **800 euros**
Professionals **1500 euros**

Registration deadline 1st of June 2022

For further details on the school and the registration procedure click [here](#)

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