



Speaker of Session 04

RESERVOIR SIMULATION



Frank Dethlefsen has been employed at the Institute of Geosciences of the Christian-Albrechts-University in Kiel as a research assistant since 2009. His current engagement lies in the ANGUS+ project evaluating the effect of using the subsurface as a thermic or a mass storage option in order to store fluctuating energy produced by renewable energy sources. His focus within this project is on the parameterisation of the subsurface, so that the potential effects of energy and mass storage actions can be evaluated using scenario simulations for instance. These works are planned to prepare an underground land-use planning, which does not exist in Germany.

Before the engagement as a Postdoc scientist at Kiel University, he received his Diploma degree in Geology (2000) and a PhD (2004) in the field of environmental hydro-geochemistry from the same institution. Between 2004 and 2009 he was employed by a private research lab, as a hydrogeological consultant, and the German Federal Environmental Agency.