

**SEDBAS 2015, Session:**

**“Borehole Geophysics and Rock Physics in Sedimentary Basins”**

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For several decades now, procedures and methods of borehole geophysics and rock physics have been applied successfully for the exploration of deposits and reservoirs in sediments, especially in sedimentary basins. In most cases, the combination of several physical properties ensures the findings. The methods of borehole geophysics and rock physics are utilized not only for the search for hydrocarbons, coal, ores, and salt, but also in the exploration for water and geothermal energy. Furthermore, these methods are also used in the search for final repository sites and for the inspection of disposal and contaminated sites. In Germany the most used applications of borehole geophysical and rock physical methods are for the search of oil and gas and for geothermal energy, proved by numerous current exploration and research activities.

In this session “Borehole geophysics and rock physics in sedimentary basins” (which runs also as a workshop of the FKPE working group “Borehole Geophysics”), the latest methods and procedures for acquisition, data processing and interpretation including case histories are presented and discussed.