

Geowissenschaftliches Kolloquium

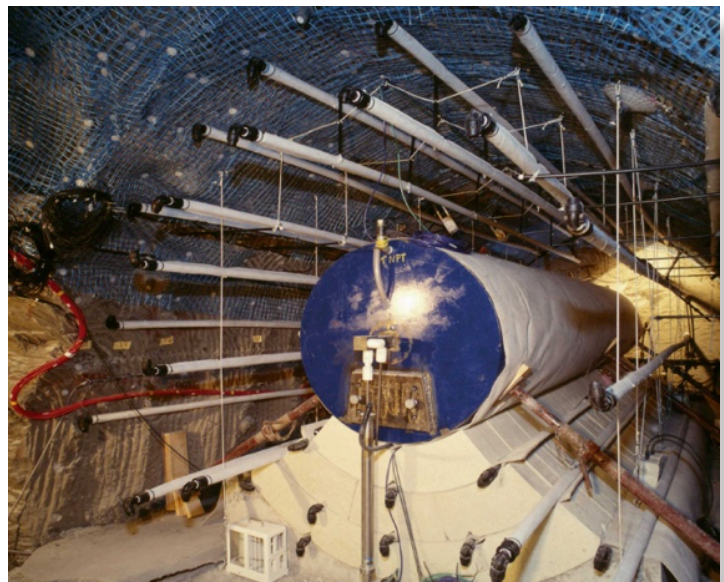
In-situ rock characterisation with mini-seismic methods in underground facilities – crystalline rock, argillaceous rock and rock salt

Donnerstag, 7. Juni 2018 - 16.15 Uhr

Kristof Schuster

BGR Hannover

For a comprehensive *in-situ* rock characterization in underground facilities BGR developed different ultrasonic and seismic methods, which we call Mini-Seismic Methods (MSM). Since more than 20 years MSM are performed in all potential host rocks which are of interest for establishing final repositories for radioactive and toxic waste, as argillaceous rocks, rock salt and crystalline rock. Several examples are presented, starting from initial local site characterizations until monitoring the evolution of excavation damaged zone features.



Dr. Schuster works since 1998 at the Federal Institute for Geosciences and Natural Resources (BGR) in the field of geophysical site characterization of potential repositories for radioactive and toxic waste in several international rock laboratories (CH, F, B, S) and different national underground facilities. Since 2008 he is head of unit Geophysical Site Investigation.

Layout: FUB Geopai Vanessa Skiba, 20180517

Institut für Geologische Wissenschaften

Großer Hörsaal (C.011), Haus C
Malteserstrasse 74-100
12249 Berlin

