

Institut für Geophysik
Geophysikalisches Kolloquium
Wintersemester 2023/24

Montag, 29.01.2024

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How to run an observatory in Antarctica and what do we actually observe?

The Alfred-Wegener-Institut (AWI) operates the year-around research station Neumayer III in Dronning Maud Land, Antarctica. The station has three long term observatories for Air chemistry, Meteorology and Geophysics. We will take a closer look at the Geophysical observatory recording data for seismology, geomagnetism and infrasound. Our focus lays on seismology and we will follow the data from the seismometer setup with the special challenges of the harsh environment in Antarctica, to the daily routine observatory work and finally to scientific research. Seismological data from polar regions does not only contain earthquakes but also icequakes. And icequakes tell us a lot about ice dynamics and offer opportunities to reveal new processes in the glacial system or monitor changes within the cryosphere.

Das Kolloquium findet um 16:00 Uhr im Seminarraum GEO 315, Corrensstr. 24, 48149 Münster statt.
Alle an dem Thema Interessierten sind hierzu herzlich eingeladen.

Die Dozenten des Instituts für Geophysik