

**Institut für Geophysik**

**Geophysikalisches Kolloquium**

**Sommersemester 2026**

Montag, 08.06.2026

**Dr. Amir Khan**  
ETH Zürich

**Seismology on Mars**

The Mars Interior Exploration using Seismic Investigations, Geodesy and Heat Transport (InSight) mission has enabled the first-ever detailed view of the interior structure of a planetary object besides the Earth and the Moon, including crust and lithosphere thicknesses, mantle discontinuities, core state and size and bulk composition. Here we provide an overview of the martian seismic data and the analysis of these for seismicity, interior structure and constitution and, and ultimately discuss what these findings reveal about the origin of Mars.

Das Kolloquium findet um 11:15 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**