

Institut für Geophysik

Geophysikalisches Kolloquium
Wintersemester 2021/22

Montag, 24. Januar 2022

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How to build a craton

Cratons are the oldest, coldest and thickest parts of the Earth's lithosphere. These cratons have unique structures and compositions, and are unlike typical younger lithosphere. So how were these ancient, and apparently very robust parts of the lithosphere formed? A number of models have been proposed over the years, including formation by mantle plumes and shortening and thickening of existing lithosphere. This presentation will combine geophysical, geological and geochemical observations with geodynamical modelling results to answer this question.

Das Kolloquium findet um **16Uhr.t.** als Zoom-Videokonferenz statt. Der Link dazu wird auf der Homepage und per eMail rechtzeitig mitgeteilt.

Alle an dem Thema Interessierten sind hierzu herzlich eingeladen.

Die Dozenten des Instituts für
Geophysik