



Münchner Physik- Kolloquium

Sommer
2022

The power of asteroseismology: stellar structure revealed by global oscillations

Prof. Dr. Saskia Hekker, *Heidelberg Institute for Theoretical Studies*

Monday, 25 July 2022, 17:15 h

Hörsaal H 030, Fakultät für Physik der LMU, Schellingstraße 4, München

■ Neben der Veranstaltung vor Ort sind die Vorträge in diesem Semester auch als

Videoübertragung im Internet verfügbar: <https://tum-conf.zoom.us/j/93234766313>

Meeting-ID: 932 3476 6313; Password: Kolloquium; Please install the software in advance.

The field of asteroseismology — the study of the internal structures of stars through their global oscillations — has changed our way of looking at stars tremendously over the last decade or more. As a result of new space missions that obtain time series data of unprecedented precision, cadence and length, many oscillations in large numbers of stars have been revealed. Understanding these oscillations in terms of the internal structures of the stars they belong to is an ongoing effort. In this talk I will present achievements so far and prospects for further understanding of stellar structures.

Student event: Meet the speaker

We invite you to a **student-only** discussion-round with Prof. Dr. Saskia Hekker before her Munich Physics Colloquium talk.

Be curious and feel free to ask any question.

Monday, 25 July 2022, 16:00 h,

Room H 522 (5th floor), Fakultät für Physik der LMU, Schellingstraße 4, München

