

# PHYSIKALISCHES KOLLOQUIUM

WINTERSEMESTER 2023/24

Montag, 13.11., 12 Uhr c.t.

## LIFE ON EARTH - AN ACCIDENT?

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The elements are generated in the Big Bang and in stars. In these reactions, a number of fine-tunings appear, which have often been interpreted in the context of the anthropic principle. In this talk, I discuss a different view point and will answer the question: How much are the fundamental parameters of the Standard Model constrained by the abundances of the elements that are required to make life on Earth possible?



Die Einführung erfolgt durch Ulrich Wiedner

Die Fakultät lädt alle Interessierten herzlich ein. Die Veranstaltung findet im Hörsaal HZO 20 statt.



Physik und Astronomie  
*from matter to materials*