



PHYSIKALISCHES KOLLOQUIUM

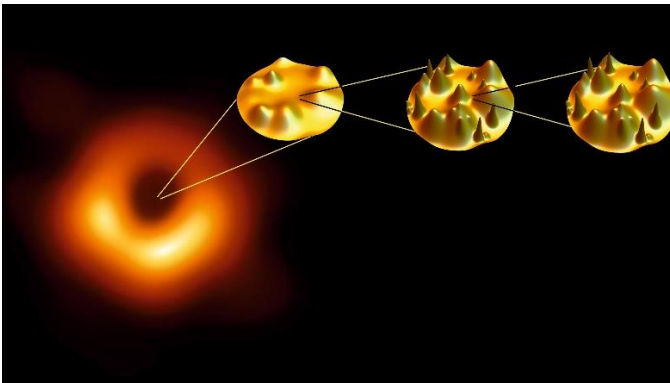
Sommersemester 2022

Montag, 25.04.2022, 12 Uhr c.t. HNB oder hybrid [Zoom meeting](#)

Quantum gravity and its connection to observations

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In physics, connections between theory and observations are crucial. In quantum gravity, such connections are challenging to forge. In this talk, I will discuss why this is a challenge and will introduce ideas to confront this challenge, using observations of black holes as well as measurements in particle physics and searches for dark matter as novel probes of the quantum nature of gravity.

Einführung: Prof. Dr. Michael Scherer

Die Fakultät lädt alle Interessierten herzlich ein.