



**UNIVERSITÄT  
BIELEFELD**

Fakultät für Physik

# Physikalisches Kolloquium

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## **Problems in the Foundations of Physics**

In the foundations of physics, we have long-standing open problems such as the nature of dark matter and dark energy, the hierarchy problem, or the missing quantization of gravity. Yet physicists have not made progress on solving those problems for 50 years. In this talk, I discuss how physicists ended up in a vicious cycle of theorizing and null results, and what we can do to overcome the present phase of stagnation.

**Monday, December 13, 2021, 4:15 p.m.**

**via zoom**