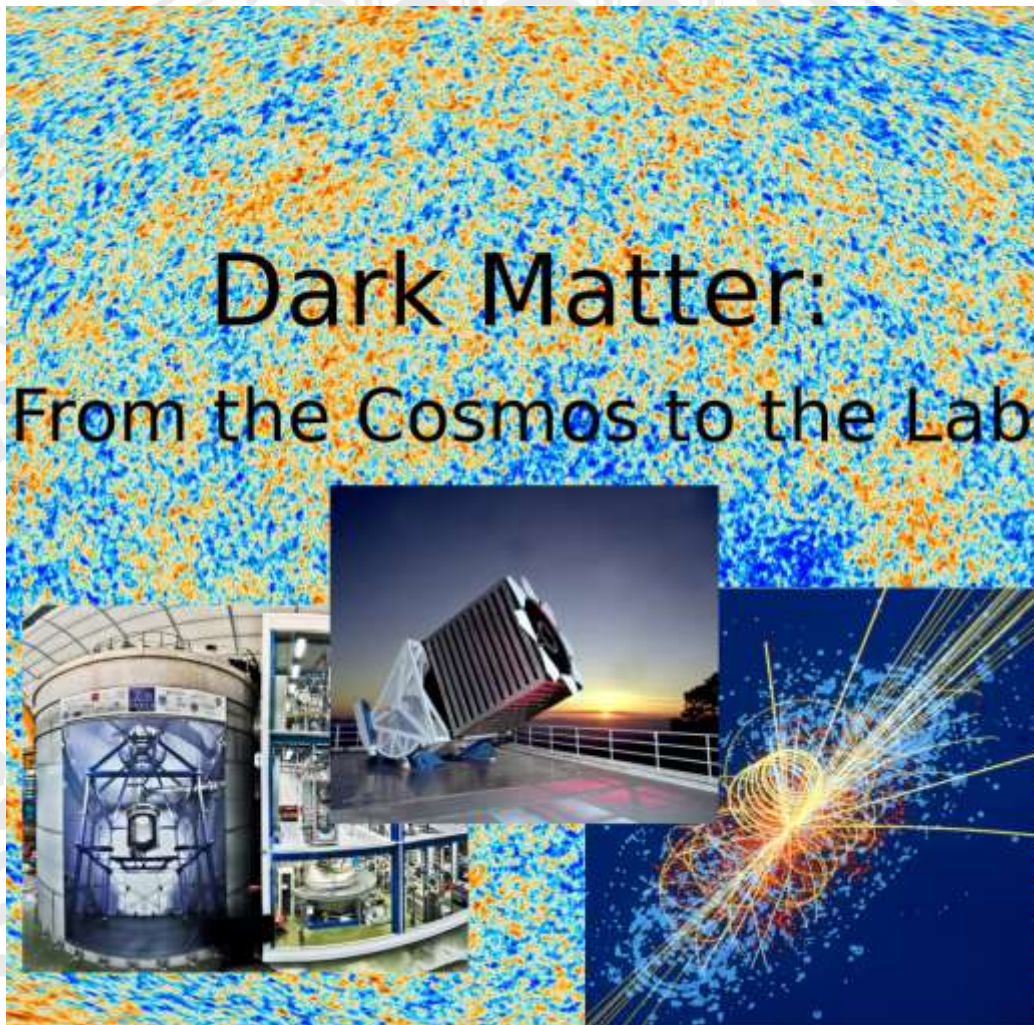




# SONDERKOLLOQUIUM

AM 23. SEPTEMBER 2019 UM 12:00 UHR  
IM SEMINARRAUM, GUSTAV-MIE-GEBÄUDE



## Dark matter: From the Cosmos to the Lab

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Astrophysical and cosmological observations clearly show that a new kind of matter constitutes the dominant component of matter in our Universe. The nature of this dark matter is one of the most important open questions in physics today. Collider searches, direct and indirect detection experiments and astrophysical observations are currently making huge progress. In this talk I will discuss some of the challenges and opportunities that arise on our way to a better understanding of dark matter. I will pay particular attention to the connections between the physics of the early Universe and the experimental probes of dark matter that are available today.