



# CERN Colloquium

SPEAKER: Cumrun Vafa  
TITLE: **The String Landscape, the Swampland,  
and the Observed Universe**  
DATE: 26 Jun 2019, 15:00  
PLACE: 500-1-001 - Main Auditorium

## ABSTRACT

I review ideas related to the landscape of string vacua and restrictions it suggests on the existence of consistent quantum gravitational theories known as swampland conditions. Some implications for particle physics and cosmology are discussed.