

COLLOQUIUM

Exploring the Invisible

Prof. Renata Zukanovich Funchal

University of São Paulo

December 5, 2018

4:00 p.m. - Curia II

Invisible matter, matter that does not emit, absorb or reflect light, plays an important rôle in our understanding of the Universe. Neutrinos were the first invisible particles experimentally observed and are today the most well known. They helped us shape the Standard Model and may be a portal to what lies beyond. In this colloquium I will explore some of their theoretical and phenomenological properties.