

# 4 PIECES OF NEW PHYSICS

APRIL

**18**



## WHAT IS DARK MATTER?

**LORENZO UBALDI - SISSA, TRIESTE**

We don't know, but we know rather well what it is not. After reviewing the evidences for this type of matter, I will discuss how particle physics, astrophysics, and cosmology are looking for a convergence to solve the mystery. I will describe promising lines of investigation and, finally, I will briefly mention some aspects of my personal experience as researcher in an international context.

**10:30 - AULA MAXWELL**

**SEMINARS OPEN TO EVERYBODY**