

The W mass and the top mass

lundi 20 juin 2022 10:00 (1 heure)

The talk will consist of two parts.

In the first I will summarize attempts of interpreting the 7sigma anomaly in the W-boson mass recently claimed by the CDF collaboration.

In the second part I will argue that measuring the top quark mass well enough to establish the possible instability scale of the

SM Higgs potential could be a main target of future colliders, and propose unusual colliders that can achieve this goal.

Orateur: STRUMIA, Alessandro (Pisa Univ & INFN & NICPB)