

## Technicolor coupled models

16 outubro, 16.00, sala Pi

Adriano Natale, IFT Unesp

We will review the reason for proposing a new strong interaction dubbed Technicolor (TC) in order to promote the Standard Model gauge symmetry breaking. The similarities (or not) of this theory with QCD, as well as its phenomenological problems will be discussed. Finally, we present a recent proposal for the revival of this theory, where TC and QCD are embedded into a larger gauge theory, which demand also the existence of a horizontal (or family) symmetry to explain the mass splitting of the different fermionic generations.