Scalars 2015

Contribution ID: 20

An extended scalar sector for the known physics beyond the SM

Content:

We propose a minimal scalar extension of the Standard Model that addresses in a structural and natural way a number of its observational and theoretical open issues: neutrino masses, dark matter and the strong CP problem. The technical naturalness of the model implies new scalar states well within the LHC reach, while the very low-energy dynamics is governed by the axion-dilaton interplay.

Primary authors: Dr. DI LUZIO, Luca (University of Genoa)

Co-authors:

Presenter: Dr. DI LUZIO, Luca (University of Genoa)

Session classification: --not yet classified--

Track classification: --not yet classified--

Type: --not specified--