**Istituto Nazionale di Fisica Nucleare Laboratori Nazionali di Frascati**

Avviso di Seminario Teorico

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**BSM Di-Higgs production at current and future colliders**

The baryon asymmetry of the universe naturally leads to BSM Higgs sectors.

Such models contain additional Higgs bosons w.r.t. the SM Higgs boson, leading to a Higgs potential substantially more complicated than in the SM. The measurement of triple Higgs couplings (THCs) is key to determinethe shape of the multi-dimensional potential, which are best accessedvia di-Higgs produciton. So far most investigationsfocused on the THC of the SM-like Higgs boson discovered at the LHC in 2012. We go beyond these analyses and show how BSM THCs may be determined atcurrent and future colliders, including the HL-LHC, future linear e+e-colliers and a future muon collider.

## Martedi’ 16/9 ore 11:30 Aula Seminari

https://agenda.infn.it/event/48347/

L'invito è esteso a tutto il personale interessato, che è caldamente invitato a partecipare.