

PARTICLE PHYSICS SEMINAR SERIES

The Higgs gateway to new physics

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4:00 pm - Rm 415 NSH

In this talk, I will present exciting phenomenological opportunities involving the Higgs boson in the quest for new physics. Special attention will be given to the off-shell Higgs measurement. I will show that by probing the Higgs sector at high energy scales through off-shell production, we can potentially shed light on the naturalness problem of the Higgs mass, arguably one of the most outstanding problems that has driven the search for new physics at the TeV scale.



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