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Episode Diphoton 750 GeV: A New Force Awakens

Monday 9 May 2016 17:30 (15 minutes)

I discuss an explanation for the diphoton excess which was recently reported by the experimental collaborations. Unlike conventional interpretations in which a new, heavy resonance of 750 GeV directly decays into a pair of photons, the explanation is based on a heavier resonance involving more complicated decays. I also emphasize that this way of interpretation is not restricted to the 750 GeV excess, but applicable to resonance-like signatures which would arise in the future.

Summary

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