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Before and After - Consequences of the Higgs Discovery

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The discovery of a new resonance consistent with the standard model Higgs boson has had a drastic effect on predictions of new physics. Everything about the discovery, from the mass, to the spin, to the production and decay rates tells us about the stability of the Higgs and the nature and scale of new physics. In this talk, I will discuss the consequences of the discovery of the Higgs boson in terms of its effect on predictions of beyond the standard model physics, with a focus on theories of supersymmetry and extended electroweak sectors.

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