The Search for Beyond the Standard Model Physics.

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Webcast 16:45 h

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The LHC has been spectacularly successful at verifying the predictions of the Standard Model of particle physics. Nonetheless, particle physicists dream of uncovering explanations for the pattern of fermion masses, the nature of dark matter, the hierarchy between the Planck scale and the weak scale, along with many other unexplained mysteries. In this talk, I will discuss the theoretical motivations for Beyond the Standard Model physics and prospects for discovery. I will emphasize the use of precision measurements as a tool for learning about unknown high scale physics.

NEW? SM prediction 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0

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