

Particle Physics Circa 2021

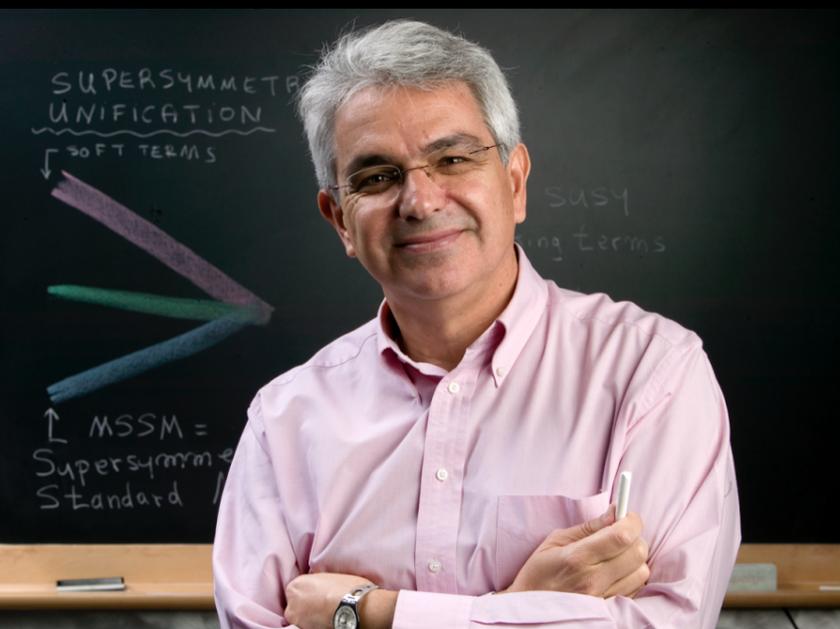
14th Madan Lal Mehta Lecture by Professor Savas Dimopoulos Stanford University

Friday, December 3, 2021 at 9:30 am

Venue - Zoom 990 4202 3927

Live Webcast - <https://youtu.be/GYoYcViO5N0>

I will share my view of what we learned after half a century of Beyond-the-Standard Model theory and searches.



Savas Dimopoulos, one of the leading figures in theoretical particle physics, is the Hamamoto Family Professor at Stanford University. In a career spanning over four decades, his creative ideas on dynamical symmetry breaking, supersymmetry and extra spatial dimensions, have shaped theoretical research, and inspired a wide range of experiments. The Supersymmetric Standard Model and theories with Large Extra Dimensions, both proposed by Professor Dimopoulos and collaborators, are two leading candidates for new theories beyond the Standard Model of particle physics, and consequently, remain key focuses of searches at the Large Hadron Collider at CERN. In recognition of his outstanding achievements, Professor Dimopoulos was awarded the J. J. Sakurai Prize for Theoretical Particle Physics in 2006 by the American Physical Society.