

# The Quest for Physics Beyond the Standard Model

Wednesday 27 September 2023 18:00 (25 minutes)

The Standard Model (SM) of particle physics is an impressive framework, but it has limitations. This talk explores the search for Physics Beyond the Standard Model (BSM). We discuss the shortcomings of the SM, such as the hierarchy problem, non-vanishing neutrino masses and dark matter. We delve into theories like Supersymmetry and GUTs, examining their predictions and experimental implications.

## Abstract Category

Particle Physics

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**Session Classification:** Nuclear and Particle Physics

**Track Classification:** Physics Research