

## What lies beyond?

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Astrophysics and cosmology require physics beyond the Standard Model to explain the origin of matter and the nature of dark matter, and there are many shortcomings of the Standard Model that also cry out for new physics. However, the LHC has found no solid direct evidence yet of physics beyond the Standard Model. What new physics may be out there, and what are the prospects for discovering it at the LHC or elsewhere?

**Presenter:** ELLIS, John (Kings College London)

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