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String theory, M theory and Dark Matter

Monday, 12 November 2018 08:00 (45 minutes)

We begin with an elementary introduction to string and M theory. We then introduce the concept of hidden sectors. We will then provide arguments as to why:

- a) WIMP's are generically unstable, so unlikely to be dark matter
- b) dark matter likely resides in the hidden sector
- c) interactions between Standard Model and hidden sector particles are generically present.

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Session Classification: Plenary