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## Detecting a Dark Sector Phase Transition in the Early Universe

*Thursday 11 January 2018 12:00 (10 minutes)*

In this talk, I will be discussing the viability of a purely  $SU(N)$  dark sector that undergoes a confining phase transition at some energy scale in the early universe. We will explore the relationship between key parameters in this theory along with their effect on an observable gravitational wave signal from upcoming gravitational wave detection experiments.

### What would be the preferred length of your talk?

10 minutes + questions

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**Session Classification:** Session IV