



ID de Contribution: 1

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## **BICEP2 and its implications for cosmology and particle physics**

*mercredi 4 juin 2014 14:00 (30 minutes)*

In this talk, after a very brief description of inflation and its predictions for the properties Cosmic Microwave Background radiation, I will discuss the results by the BICEP2 collaboration, that recently claimed detection of the so-called primordial B modes in the CMB. In particular, my talk will focus on the implications that such a detection would have for inflationary model building and for particle physics.

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**Classification de Session:** Dark Universe