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Type: **Gong Show Talk (5 mins)**

Addressing cosmological tensions with scalar fields

In this talk I present an interactive two-scalar field model inspired by hybrid inflation. The two scalars provide a common origin for both dark matter (DM) and dark energy (DE). I show that the model can be described as a system of a pressure-less fluid (DM) coupled to a light scalar field (DE). I present a data analysis of this model, which consists of LambdaCDM with one added parameter, and conclude that it addresses both major cosmological tensions, the H_0 and S_8 tensions. This is particularly interesting considering most models that address the H_0 tension also worsen the S_8 tension.

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Author: POULOT, Gaspard (University of Sheffield)**Co-authors:** Dr VAN DE BRUCK, Carsten (University of Sheffield); TEIXEIRA, Elsa (University of Sheffield)**Presenter:** POULOT, Gaspard (University of Sheffield)