

## **Abstract**

I will talk about current status of our model of Staggered Brane Inflation proposal. In this model we have a two field inflationary system where one field disappears during inflation dynamics. In brane inflation set up, this corresponds to annihilation of a pair of brane and anti brane during inflation. This configuration can result in a sudden discontinuity in inflation potential. The discontinuity in potential imprints on power spectrum and can describe for example the existence of spike in WMAP data. Related to our work, I will take a glance on Sahni et al.'s paper, too.