

## **Abstract**

In this talk I will show how inflation without singlets can be realized in particle physics. Inflation can occur near a point of inflection, with sub-Planckian VEV, in the scalar potential of flat directions of the theory. Specializing to the Minimal Supersymmetric Standard Model (MSSM), I will elaborate on the interesting properties of inflection point inflation. In particular, its connection to new physics at the TeV scale and its ability to generate a wide range of scalar spectral index. I will then briefly describe reheating of the universe after inflection point inflation. Finally, I will discuss the initial condition and fine-tuning issues of inflection point inflation and their possible solutions.