



Contribution ID: 1028

Type: Poster

Understanding the Loop Quantum Cosmology and the Concept of Time

Time is an enigmatic property of the universe which confounded physicists for ages. This property is increasingly dark and cryptic when we deal with metric spaces of the microscopic scales in the universe. There are remarkable theories, in particular, the loop quantum gravity (LQT) which helps us in understanding the cosmology of these microscopic scales. However, the theory possesses considerable complications in explaining the concept of time. We redress the notions of quantum cosmology and the loop quantum gravity. The elegance of the theory in describing the microscopic scales is discussed. We try to emphasise the concept of the time interpreted as far as the notion of quantum gravity is concerned. We aim to review and re-analyse the loop gravity, the perception of the dynamic time and the timeless universe.

Collaboration / Activity

Birla Science Center & KITP

First author

Email

Primary author: KASHI, Bhuvaneshwari (CVR College of Engineering)

Presenter: KASHI, Bhuvaneshwari (CVR College of Engineering)

Session Classification: T11: Quantum Field and String Theory

Track Classification: Quantum Field and String Theory