

KMI Theory Seminar

Title :

*Unifying the Early-time Inflation
with Late-time Dark Energy epoch:
the Case of Modified Gravity*

Speaker :

*Professor S. D. Odintsov
(ICREA and ICE, Barcelona)*

Date/Time :

March 6, 2018 (Tue.) 5:00 PM

Abstract :

The review of modified gravity to describe the consistent universe history from inflation till dark energy era is given. The main attention is paid to $F(R)$ gravity. It is shown the possibility to take into account quantum gravity effects within this approach. Autonomous dynamical system approach in $F(R)$ gravity is developed. The possibility of constant-roll inflation as the element of unified inflation with dark energy in modified gravity is demonstrated. Some simple applications of modified gravity are discussed.

Place :

ES635