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## KMI –Theory Seminar

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### **“Accelerating cosmology from modified gravity: new models”**

Speaker: Professor Sergei D. Odintsov

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Date/Time: Thursday, February 25, 2016

Place: 17:00, KMI Science Symposia (ES635)

Abstract:

We review the accelerating cosmology from modified gravity, paying special attention to  $F(R)$  gravity. The unification of inflation with dark energy era is presented. Bouncing cosmology from  $F(R)$  gravity is discussed in detail, as well as singular inflation. Mimetic  $F(R)$  gravity and unimodular  $F(R)$  gravity cosmologies are discussed.