

Institut Ruđer Bošković  
ZAVOD ZA TEORIJSKU FIZIKU  
Bijenička c. 54  
ZAGREB, HRVATSKA

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SEMINAR ZAVODA ZA TEORIJSKU FIZIKU  
(Zajednički seminari Zavoda za teorijsku fiziku,  
Zavoda za eksperimentalnu fiziku i Zavoda za teorijsku fiziku PMF-a)

## Aspects of noncommutative gravity

**Prof. Kumar S. Gupta**  
Theory Group, Saha Institute of Nuclear Physics, Calcutta, India

*Datum: ponedjeljak, 11. lipnja 2007.*  
*Vrijeme : 15:00, c.t.*  
*Mjesto: IRB, predavaona I krila*

### Abstract:

Starting with the history and motivation behind considering noncommutative space-time, this talk will cover how geometry is coded in terms of algebra, which admits a noncommutative generalization. The ideas of symmetries as applied to algebras, as well as the concept of twisted diffeomorphisms in the context of noncommutative gravity will be introduced. Simple examples will be discussed.

Voditeljica seminara: Dr. Kornelija Passek-Kumerički  
([passek@thphys.irb.hr](mailto:passek@thphys.irb.hr))