

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

SEMINAR ZAVODA ZA TEORIJSKU FIZIKU

(Zajednički seminari Zavoda za teorijsku fiziku,
Zavoda za eksperimentalnu fiziku i Zavoda za teorijsku fiziku PMF-a)

Noncommutative Gravity and Black Holes

Kumar S. Gupta

Theory Division, Saha Institute of Nuclear Physics, Kolkata, India

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Mjesto: IRB, predavaona I krila

Sažetak:

In this talk we shall discuss a noncommutative generalization of the BTZ black hole. After a brief review of the noncommutative geometry, we shall discuss the allowed deformations of the BTZ manifold which are consistent with the symmetries. Next we shall pass on to the noncommutative picture and will show that the time operator gets quantized. The implication of this quantization would be discussed.

Voditeljica seminara: Larisa Jonke
(larisa@irb.hr)