



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ

ΤΜΗΜΑ ΦΥΣΙΚΗΣ

ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

## SPECIAL PHYSICS COLLOQUIUM

Thursday, 2 June 2011

17:00 -18:00

3<sup>rd</sup> Floor Seminar Room

**“Holography, Emergent Space and String Cosmology”**

**Nikolaos Toumbas**

University of Cyprus

### **Abstract**

A large amount of circumstantial evidence indicates that stringy space emerges holographically in special, very quantum mechanical systems. In this talk I will describe aspects of holography with examples from the AdS/CFT correspondence, matrix quantum mechanics and string thermodynamics. Implications for string cosmology are also discussed.