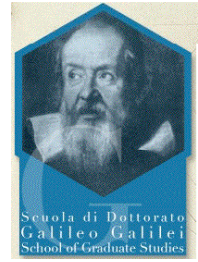




# Corso di Dottorato in Fisica Applicata



AVVISO DI SEMINARIO

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*Measuring gravity with cold atoms: Measurement  
of  $G$ , test of Newtonian law at micrometric  
distances and applications on Earth and in space.*

**Venerdì 26 gennaio alle ore 11**

**Dipartimento di Fisica (edificio C) Aula 131**

*Abstract:* Experiments we are performing using atom interferometry to determine the gravitational constant  $G$  and test the Newtonian gravitational law at micrometric distances will be presented. Applications for experiments in ground laboratories and in space will also be discussed.