



ΓΕΝΙΚΟ ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

# *PHYSICS COLLOQUIUM*

Thursday 8 October 2009

17:00-18:00

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

*" The ALICE experiment at the CERN LHC "*

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## ABSTRACT

The ALICE collaboration is currently commissioning the experiment with cosmic data awaiting the first LHC beams expected later this year. The experiment is optimized to study heavy-ion physics and has good performance for the study of general properties of pp collisions. The physics objectives of the experiment will be reviewed with emphasis on the first physics analysis. The detector readiness and performance will be also demonstrated using cosmim data.