



ΓΕΝΙΚΟ ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

PHYSICS COLLOQUIUM

Thursday, 6 October 2011

17:00 -18:00

3rd Floor Seminar Room

**"Cascades of shocks, a possible model
for accretion in AGN"**

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Abstract

The continuum emission in quasars and Seyfert galaxies is made of a very large set of components drawing on many aspects of physics. We will review the emission components and describe the interactions between these components as they can be deduced from light curve analysis. We will then summarise the major properties expected from simple accretion disc models and confront them with the observations. Finally we will see how cascades of shocks in the accreting material can alleviate some of the problems met underway.