



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ

ΤΜΗΜΑ ΦΥΣΙΚΗΣ

ΓΕΝΙΚΟ ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

PHYSICS COLLOQUIUM

Thursday, 14 April 2011

17:00 -18:00

3rd Floor Seminar Room

“Anderson Localization of Light”

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Abstract

Anderson localization is one of the most fundamental processes in solid-state physics, but optics offers the direct avenue to observe it. I will describe experiments on transport of light in disordered media, and various new ideas ranging from delocalization in quasicrystals to hyper-transport of light, where a light beam expands faster than ballistic.