



SEMINAIRE régulier du Service d'Astrophysique

QUANTIFYING DARK ENERGY WITH COSMIC SHEAR

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Jeudi 30 octobre 2008

11h00

I will summarise the evidence for dark energy and the basics of cosmic shear. My talk will then focus on how to obtain the maximum constraining power from the upcoming experiments to measure dark energy using cosmic shear.

I will introduce the GRavitational lEnsing Accuracy Testing 2008 (GREAT08) Challenge, which is an image analysis competition to improve shear measurements. I will also describe the potentially confusing signal from intrinsic galaxy alignments and how it can be addressed.



Un café sera servi 15 minutes avant le séminaire

Ce séminaire aura lieu au CEA Saclay – Orme des Merisiers –bâtiment 709, Salle 220.