Direction des Sciences de la Matière
IRFU
Service d'Astrophysique

Soutenance d'Habilitation à Diriger des Recherches

THE NATURE AND PHYSICAL PROPERTIES OF MASSIVE GALAXIES IN THE DISTANT UNIVERSE

Emanuele DADDI

Mardi 20 Mars 2012

10h00

We know since more than a decade that galaxies were forming stars much more rapidly in the past than today. An important question has been that of understanding to what extent this enhanced activity was due to growing contribution of merging of galaxies, or to other processes. Observations in recent years are converging to show how this was largely due to the presence of much larger gas reservoirs inside galaxies. A population of spectacularly luminous merging driven starbursts is nevertheless present in the distant Universe.

I will present recent research activities in the field of galaxy formation and evolution from our group, aimed at understanding the diverse population of distant galaxies, their different modes of star formation, black hole activity and the evolution of their gas reservoirs.

You are kindly invited to the pot that will follow the decision of the jury (Simona Mei, Stephane Charlot, Carlos de Breuck, Alvio Renzini, Mark Dickinson, Henry McCracken).

Cette soutenance aura lieu au CEA Saclay – Orme des Merisiers
Bât 713 C – Salle Galilée

Commissariat à l'énergie atomique
Centre de Saclay - CEA/DSM/IRFU/SAp - bât. 709 - 91191 GIF SUR YVETTE CEDEX - FRANCE
Tél : 33 - 1 69 08 78 27 - Fax : 33 - 1 69 08 65 77