

Institut de recherche sur les lois fondamentales de l'univers  
SÉMINAIRE

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Mardi 20 mars 10h00

CEA Saclay, Orme des Merisiers Bat 713, salle de séminaires Galilée

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

**Emanuele DADDI**

SAP

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).

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Le cafe sera servi 10 minutes avant  
Contact : [pascale.chavegrand@cea.fr](mailto:pascale.chavegrand@cea.fr) - Tel : +33 1 69 08 78 27  
[http://irfu.cea.fr/Phoce/Vie\\_des\\_labos/Seminaires/index.php](http://irfu.cea.fr/Phoce/Vie_des_labos/Seminaires/index.php)