

Service d'Astrophysique
SÉMINAIRE

Jeudi 19 janvier 11h00

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

Galaxies Under the Cosmic Microscope

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Galaxy clusters magnify the images of distant galaxies that serendipitously lie behind them. This gives us the opportunity to spatially resolve distant galaxies in a level of detail which would otherwise require the increased light grasp and resolution of the next generation of telescopes. In this talk, I will present some recent results which have exploited strong lensing to resolve the gas and star-formation within galaxies between $z=2-5$ on scales between 100pc and 1kpc, measuring the interaction between star-formation and gas dynamics on these scales. These results provide an exciting glimpse of the science that will be possible once ELT and ALMA reach full science operations.

Le cafe sera servi 10 minutes avant

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