

What happens to the galaxy during the epoch of disc settling?

Monday 30 September 2019 09:20 (20 minutes)

Last year, I presented how the galaxies in New Horizon settle their galactic scale disc. More massive galaxies seem to have a settled disc earlier in the simulation, but it was not clear what is the main driver. This year I present a few pieces of information on the properties of galaxies, such as merger history, star formation rate, stellar feedback, black hole accretion and feedback, during and around the epoch of disc settling in the hope of pinning down the main driver.

Presenter: Prof. YI, Sukeyoung (Yonsei University)

Session Classification: Galaxy Formation and Evolution