

# Extremely Big Eyes on galaxies and gas flow processes (Nicolas Bouche' ) (I)

*Friday, 13 September 2019 09:25 (25 minutes)*

Gas flow processes such as galactic winds and gas accretion are key to galaxy formation. The interface between galaxies and where most of the baryons are (the inter-galactic medium) is where gas in and outflows are occurring and also where gas flows are directly connected to the evolution of the host galaxy. For instance, galactic wind may remove part or the totality of the ISM, and accretion may spin up galaxy disks. Thus the circum galactic medium are key to understand galaxy evolution. In this presentation, I'll review our current knowledge of the gas flows on scales of 100-150kpc, discuss the prospects of further advances with ELT-like telescopes and with IFUs such as Harmoni.”