



## Unveiling the properties of the gas around galaxies

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It has become clear that the level of activity in a galaxy is affected by phenomena occurring in its disk, but also in its halo, known as the circumgalactic medium (CGM) — the gas at the interface of a galaxy and the intergalactic medium. Gas flows through the CGM directly influence the baryon distribution and metal content of their host galaxies as well as the level of stellar activity in the disk, and hence the evolution of galaxies. Here I will review some of the recent findings made by our research group and some of the future directions.