Résumé

The origin of the galaxies represents an important focus of current cosmological research, both observational and theoretical.

Its resolution involves a comprehensive understanding of star formation, galaxy dynamics, supermassive black holes, and the cosmology of the very early universe.

It is a field that is largely driven by a phenomenology that depends on our accumulating data taken with the largest available telescopes, both terrestrial and in space.

In this talk, the speaker will review our current understanding of galaxy formation and describe the challenges that lie ahead.