

Seminar

von

Prof. Gabriella de Lucia

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Galaxy formation and evolution as a function of cosmic time: the view from the GALaxy Evolution and Assembly (GAEA) model

I will review recent developments of our model for Galaxy Evolution and Assembly (GAEA), and discuss the role of various physical processes in shaping the measured evolution of the galaxy stellar mass function and mass metallicity relation. I will overview our recent work to include a treatment for the partition of cold gas in its atomic and molecular gas components, and a variable stellar Initial Mass Function. I will conclude by discussing open problems and future perspectives.

Montag, 30. April 2018, um 15:00 Uhr im HS

des Institutes für Astrophysik, Türkenschanzstraße 17, 1180 Wien