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Cosmological scalar field **BCDM** models

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Cosmological models beyond the standard Lambda Cold Dark Matter (ΛCDM) scenario, namely the scalar field \(\text{MCDM} \) models are considered in this talk. The dynamics of the universe and the large-scale structure growth rate in these models in comparison with the standard spatially-flat ΛCDM model are investigated. Constraints on model parameters of \(\text{MCDM} \) models from various data sets are presented.

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