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## On the matter density discrepancy.

We investigate whether there are evidences for the existence of a new tension on the matter density parameter, independent or in relation with the Hubble or the matter fluctuation parameter tension, and that using a combination of multiple probes in a model independent approach where we relax most of the calibration parameters related to the aforementioned discrepancies.

**Primary author:** SAKR, Ziad (USJ-IRAP-ITP)

**Presenter:** SAKR, Ziad (USJ-IRAP-ITP)

**Session Classification:** Current status of the  $H_0$  and growth tensions: theoretical models and model-independent constraints

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