

Tests of Gravity with Upcoming Galaxy Surveys

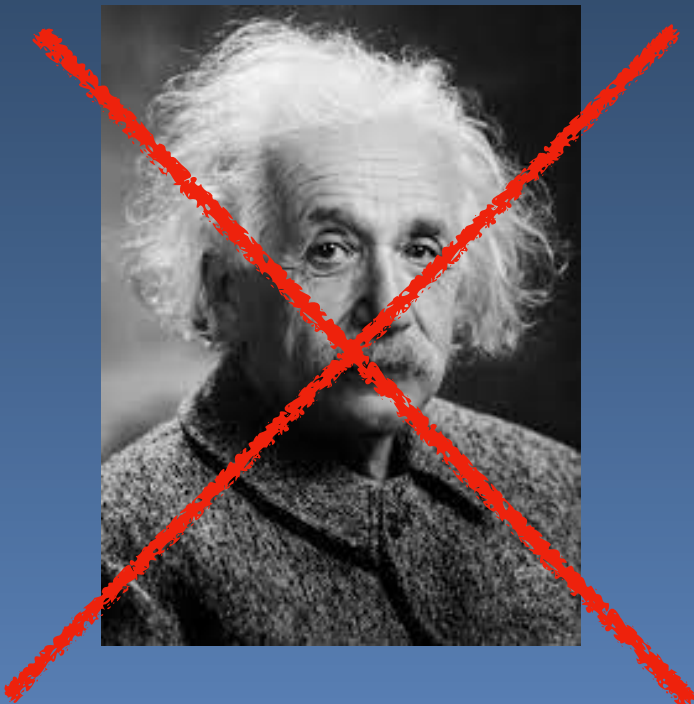
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Our goal as **cosmologists**: describe the evolution of the Universe.

Many open questions! E.g. What causes the **accelerated expansion** of the Universe?

Possible explanation: **modified gravity**!



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Our work: Develop stringent, model-independent tests of gravity with upcoming galaxy surveys.

Our papers: [arXiv:2204.11507](https://arxiv.org/abs/2204.11507), [arXiv:2208.10419](https://arxiv.org/abs/2208.10419)