

JOINT TUFTS/MIT COSMOLOGY SEMINAR

*Sometimes 2 are more than 1
+ 1 – double monodromy
inflation*

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DESY

Vanilla slow-roll inflation contains a 'desert' assumption reminiscent of the GUT paradigm. We argue that giving up on in particular high-scale inflation occurring as a single 60-fold epoch may render it more natural and easier to UV complete. At the same time, such double monodromy inflation will quasi automatically generate additional gravitational wave signals e.g. at LISA. We will also outline possible string theory realizations of the required 2-field axion monodromy setup.

Tuesday, February 23, 2021, 2:30 pm

Zoom link will be distributed to joint cosmology seminar mailing list. If not subscribed see <https://cosmos.phy.tufts.edu/mailman/listinfo/cosmology-seminar>

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