



Contribution ID: 23

Type: **not specified**

QFTs in the early universe

Thursday 12 September 2024 15:45 (45 minutes)

Some seemingly well-behaved quantum field theories in Minkowski space may develop pathological behaviors in certain gravitational backgrounds. This seems to be especially true of QFTs of higher spin. For example, the early universe may be used as a probe such theories. Perhaps there is a swampland of Minkowskian QFTs that cannot be lifted to certain cosmological backgrounds.

Presenter: KOLB, Rocky