

Hydrodynamics on minisuperspace: connecting quantum gravity and cosmology

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We show how cosmological dynamics can be mapped to hydrodynamics (on minisuperspace) via field symmetries. We then connect the same hydrodynamics (on minisuperspace) to several quantum gravity directions, starting from group field theory, and argue that it may represent a general effective framework for the cosmological sector of quantum gravity.

Author: ORITI, Daniele (Universidad Complutense Madrid)

Presenter: ORITI, Daniele (Universidad Complutense Madrid)

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