Contribution ID: **23** Type: **Lightning talk**

Cosmology in metric affine theories of gravity

Wednesday 12 March 2025 17:30 (5 minutes)

The stress energy tensor we all know is related to the existence of a metric. But the metric is not the only character we can take into account when studying a theory of gravity. We can also consider an independent connection. If we do so we will have the hypermomentum tensor in the game too. This can be related to quantities such as torsion and non metricity. What is the role of these quantities in cosmology? Can we explain some kind of accelerated expansion without relying necessarily on a cosmological constant?

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Session Classification: Lightning talks