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## Open EFT for gravity and gauge fields

*Monday 1 September 2025 17:00 (35 minutes)*

I will discuss how to construct an EFT that captures non-conservative effects based on recent developments in Schwinger-Keldysh (SK) EFTs. The leading dissipative terms added to the SK action deform the conservation laws in a controlled manner, as demonstrated by two representative examples: Maxwell's theory and general relativity. I will also briefly discuss phenomenological applications in inflation.

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