

Slide by Tessa Baker, QMUL

Einstein-Dilaton-Gauss-Bonnet

Cascading gravity

Lorentz violation
Hořava-Lifschitz

Conformal gravity

Strings & Branes

$$f\left(\frac{R}{\square}\right) R_{\mu\nu} \square^{-1} R^{\mu\nu}$$

$$f(G)$$

Randall-Sundrum I & II

DGP

Some degravitation scenarios

Higher-order

Higher dimensions

Non-local

$$f(R) \quad \text{General } R_{\mu\nu}R^{\mu\nu}, \square R, \text{etc.}$$

Kaluza-Klein

Extensions of GR

Generalised Proca

Generalisations of SEH

Vector

Einstein-Aether
Lorentz violation

TeV

Add new fields

Massive gravity

Bigravity

Gauss-Bonnet

Lovelock gravity

Scalar-tensor & Brans-Dicke

Chern-Simons

Ghost condensates

Cuscuton

Galileons

the Fab Four

Chaplygin gases

KGB

Coupled Quintessence

Beyond Horndeski

Tensor

EBI

Bimetric MOND

Mod. action Approaches

Thermo ideas

Entanglement entropy

Horndeski theories

subclass of

DHOST

subclass of

f(T)
Einstein-Cartan-Sciama-Kibble

Torsion theories