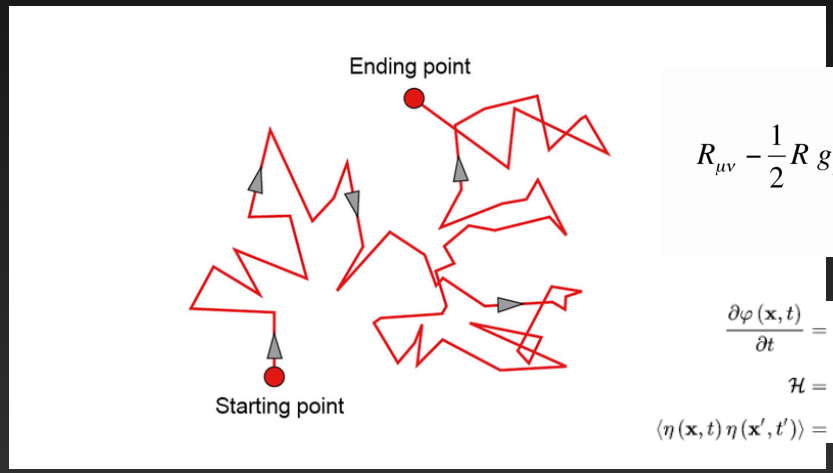
UNIVERSIDAD DE GRANADA

MINIWORSHOP ON STOCHASTIC RELATIVITY

Universidad Carlos III de Madrid

Mathematical and physical perspectives

25-27 January 2022

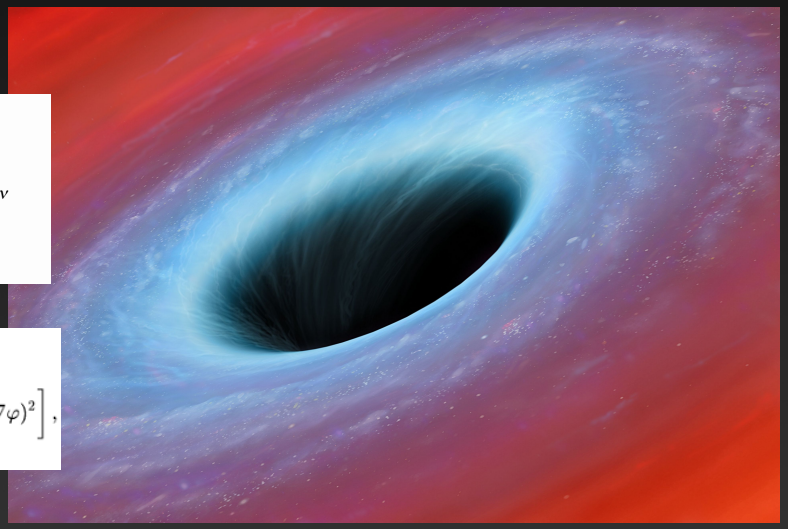


$$R_{\mu\nu} - \frac{1}{2} R\, g_{\mu\nu} + \Lambda\, g_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

$$\frac{\partial \varphi(\mathbf{x},t)}{\partial t} = -\lambda \frac{\delta \mathcal{H}}{\delta \varphi} + \eta(\mathbf{x},t)\,,$$

$$\mathcal{H} = \int d^d x \left[\frac{1}{2} r_0 \varphi^2 + u\varphi^4 + \frac{1}{2} (\nabla \varphi)^2 \right],$$

$$\langle \eta(\mathbf{x},t)\, \eta(\mathbf{x}',t') \rangle = 2\lambda \delta(\mathbf{x}-\mathbf{x}')\, \delta(t-t')\,.$$



Organizer: Field Theories and Statistical Mechanics Research Group

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