# “Towards recovering effective universality in AS gauge-gravity systems”

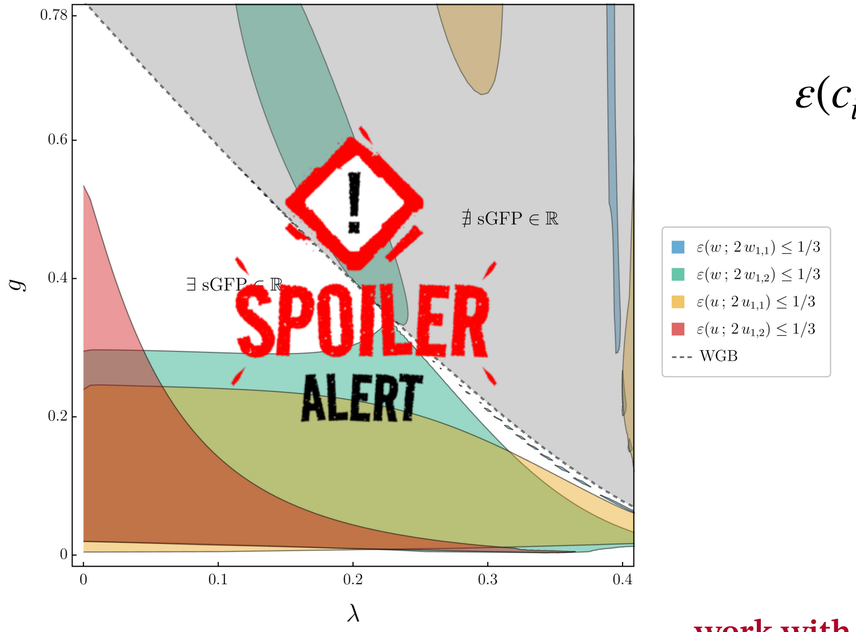
Radboud Universiteit Nijmegen

Nikhef

$$\Gamma_k = \ldots + \frac{1}{4}\int d^4x\sqrt{g}\; F_{\mu\nu}F^{\mu\nu} + \frac{w}{8\,k^4}\int d^4x\sqrt{g}\; (F_{\mu\nu}F^{\mu\nu})^2 + \frac{u}{8\,k^4}\int d^4x\sqrt{g}\; (F^{\mu}{}_{\nu}F^{\nu}{}_{\rho}F^{\rho}{}_{\sigma}F^{\sigma}{}_{\mu})$$

$$w\sqrt{g}\;(F_{\mu\nu}F^{\mu\nu})^2 \sim w\,(F^2)^2 + w\,h\,(F^2)^2 + \mathcal{O}(h^2)$$

$$\beta_w \overset{?}{\approx} \beta_w$$




## Measure

$$\varepsilon(c_i\,;c_j) = \left|\frac{\Delta\beta_{c_i} - \Delta\beta_{c_j}}{\Delta\beta_{c_i} + \Delta\beta_{c_j}}\right|_*$$

**Come and talk to me!**


Juan Fernandez Molinero

juan.fernandezmolinero@ru.nl


work with Frank Saueressig, Marc Schiffer and Marieke Postma.