



# ***EINLADUNG***

im Rahmen Literaturseminars

zum Vortrag

von

**Domenico Giulini**

(Hannover)

über

*„Are there gravitons?“*

*And how do you couple quantum matter to classical gravity?“*

## **Abstract:**

I will review some classical arguments concerning the remoteness of direct graviton detection.

Treating gravity classically, the question arises how to consistently and reliably estimate the influence of classical gravitational fields on the dynamics of quantum systems.

A review of the latter is given in <https://arxiv.org/pdf/2207.05029.pdf>

**Zeit:** Donnerstag, **23.03.2023**, **15.30 h**

**Ort:** on zoom

<https://univiennea.zoom.us/j/6540036841?pwd=SytyVkZJZzNyRG9lMm13ejlHeHRRUT09>

Meeting ID: 654 003 6841

Passcode: Gs4brS

gez.: P. Chrusciel, D. Fajman