



# *E I N L A D U N G*

im Rahmen des Literaturseminars

zum Vortrag

von

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(Vienna)

über

***„Testing small scale gravitational wave detectors  
with dynamical mass distributions“***

**ABSTRACT:**

The recent discovery of gravitational waves by LIGO created renewed interest in the investigation of alternative gravitational detector designs, such as small scale resonant detectors. In this talk, it is explained how proposed small scale detectors can be tested by generating dynamical gravitational near fields with appropriate distributions of moving masses. This opens up the possibility to evaluate detector proposals very early in the development phase and may help to progress quickly in their development.

**Zeit:** Donnerstag, 14.12.2017, **14:00**

**Ort:** Arbeitsgruppe Gravitation, Währinger Straße 17, **Raum 218**,  
2. Stock

gez.: P. Chrusciel