

## **Theoriekolloquium**

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Am **30. Juni 2016** um **14.15 Uhr** in **W2 1-143** hält

**Frau Prof. Dr. Mariafelicia De Laurentis (Frankfurt)**

einen Vortrag mit dem Titel

### **General Relativity and beyond**

Extended theories of gravity represent a straightforward generalization of Einstein theories aimed to cure its shortcomings at ultra-violet and infra-red scales. Here we review some theoretical aspects of metric and metric affine extended theories of gravity in view of astrophysical application.

In particular, after a general exposition, we discuss some exact black hole solutions, gravitational waves and stellar structures.

Interessierte sind herzlich eingeladen.

gez. Prof. Dr. Claus Lämmerzahl