

## **Seminarium Astrofizyczne**

wtorek 30.11.2021 godz. **12:30**

<https://www.gotomeet.me/NCBJmeetings/seminarium-astrofizyczne>

ID 349-387-373 Password: AstroSemi

### **Aneta Wojnar**

(Laboratory of Theoretical Physics, Institute of Physics, University of Tartu, Estonia)

### **Modified gravity and non-relativistic astrophysics**

I will present some recent findings regarding modified gravity's effects on non-relativistic stars and substellar objects. I will demonstrate how some parts of stellar modelling, star's evolution, and cooling processes in substellar objects are affected by alternative theories of gravity. Moreover, I will briefly discuss a few possibilities to test theories of gravity.

Serdecznie zapraszam,  
Agnieszka Majczyna