



Contribution ID: 732

Type: **Invited talk in the parallel session**

## **Testing fundamental physics laws in extreme density and gravity with eXTP**

*Wednesday, 7 July 2021 10:30 (20 minutes)*

Primary science goals for the Enhanced X-ray Timing and Polarimetry (eXTP) mission include studies of matter under conditions of extreme density and strong gravity. I will describe how eXTP's observations of neutron stars and black holes will lead to major advances in both of these areas.

**Primary author:** WATTS, Anna

**Presenter:** WATTS, Anna

**Session Classification:** eXTP – Enhanced X-ray Timing and Polarimetry Mission

**Track Classification:** High Energy: eXTP – enhanced X-ray Timing and Polarimetry Mission