



The Beginnings and Ends of Double White Dwarfs

Contribution ID: 43

Type: **Talk**

Known double white dwarfs as LISA sources and the ZTF high-cadence Galactic Plane survey

Tuesday, 2 July 2019 09:30 (35 minutes)

With the data release of Gaia DR2 we were able to derive, for the first time, realistic strain, SNR predictions for the known LISA verification binaries. In this talk I will discuss our approach and result. I will also present an overview and the survey strategy of the ZTF high-cadence Galactic Plane survey which aims to find short period variables at low Galactic latitudes.

Primary author: KUPFER, Thomas (Kavli Institute for Theoretical Physics/UC Santa Barbara)

Presenter: KUPFER, Thomas (Kavli Institute for Theoretical Physics/UC Santa Barbara)

Session Classification: Short-period Binaries & Gravitational Waves