



The Beginnings and Ends of Double White Dwarfs

Contribution ID: 17

Type: **Talk**

The Shortest Period Eclipsing Binary

Tuesday, 2 July 2019 10:25 (20 minutes)

Here we give new updates on an eclipsing double white dwarf binary with an orbital period of only 6.9 minutes. Additionally, we highlight several other candidate LISA DWD sources discovered using the optical time domain and discuss the future of this class of sources in the era of surveys such as LSST.

Primary author: BURDGE, Kevin (California Institute of Technology)

Co-authors: Prof. FULLER, Jim; Dr VAN ROESTEL, Joannes (California Institute of Technology); COUGHLIN, Michael (California Institute of Technology); Mr KULKARNI, Shri (California Institute of Technology); Dr KUPFER, Thomas; Dr PRINCE, Thomas (California Institute of Technology)

Presenter: BURDGE, Kevin (California Institute of Technology)

Session Classification: Short-period Binaries & Gravitational Waves