



# The Beginnings and Ends of Double White Dwarfs

Contribution ID: 40

Type: **Talk**

## Close Double White Dwarfs from Gaia

*Monday, 1 July 2019 11:00 (35 minutes)*

I will report on a programme of double white dwarf discovery from targets selected from Gaia DR2 from their location in the H-R diagram. Targets are chosen from their location above the main white dwarf cooling sequence in terms of luminosity. This favours double white dwarfs with equal contributions from the two stars and a number of new systems have been discovered. These are of particular interest for their mass ratios which have long been problematic for close double white dwarfs. I will also discuss the known sample of double white dwarfs with reference to the Gaia DR2 H-R diagram.

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**Session Classification:** Observed WD Populations 1