



# The Beginning and Ends of Double White Dwarfs

## Tuesday, 2 July 2019

### Short-period Binaries & Gravitational Waves: Finding short-period binaries - Main Auditorium (09:30 - 10:45)

-Conveners: Mukremin Kilic

| time  | [id] title  | presenter            |
|-------|---|----------------------|
| 09:30 | [43] Known double white dwarfs as LISA sources and the ZTF high-cadence Galactic Plane survey | KUPFER, Thomas       |
| 10:05 | [36] Uncovering the population of eclipsing double white dwarfs with ZTF                      | VAN ROESTEL, Joannes |
| 10:25 | [17] The Shortest Period Eclipsing Binary   | BURDGE, Kevin        |

### Short-period Binaries & Gravitational Waves: Individual systems - Main Auditorium (11:30 - 12:30)

-Conveners: Warren Brown

| time  | [id] title   | presenter            |
|-------|--|----------------------|
| 11:30 | [9] Finding compact binaries with KPED                                     | Dr COUGHLIN, Michael |
| 11:50 | [42] A 0.3% measurement of orbital decay in the 12.75-min WD+WD J0651+2844 | HERMES, JJ           |
| 12:10 | [4] White Dwarf Tidal Interactions   | PIRO, Anthony        |

### Short-period Binaries & Gravitational Waves: LISA - Main Auditorium (14:00 - 15:20)

-Conveners: Elena Maria Rossi

| time  | [id] title  | presenter           |
|-------|---|---------------------|
| 14:00 | [35] The evolutionary history of AM CVn binaries                          | GREEN, Matthew      |
| 14:20 | [19] Accreting White Dwarf Binaries as Gravitational Wave Sources         | KREMER, Kyle        |
| 14:40 | [37] Multi-messenger Galactic Astronomy with double white dwarfs          | KOROL, Valeriya     |
| 15:00 | [13] Constraining Galactic structure with the LISA white dwarf foreground | Dr BREIVIK, Katelyn |