

Session Program

1-5 Jul 2019



The Beginnings and Ends of Double White Dwarfs

The Beginning and Ends of Double White Dwarfs

Supernovae & their Aftermath

Geological Museum, Main Auditorium
Øster Voldgade 5-7 DK-1350 Copenhagen

Thursday 4 July

09:30

Supernovae & their Aftermath

Session | **Location:** Geological Museum, Main Auditorium, Øster Voldgade 5-7 DK-1350 Copenhagen |
Convener: Na'ama Hallakoun

09:30–10:05

The Fastest Stars in the Galaxy: Confirmation of the D6 Type Ia Supernova Scenario

Speaker

Ken Shen

10:05–10:25

Three-dimensional simulations of double detonations in the double-degenerate models for type Ia supernovae

Speaker

Ataru Tanikawa

10:25

11:10

Supernovae & their Aftermath

Session | **Location:** Geological Museum, Main Auditorium, Øster Voldgade 5-7 DK-1350 Copenhagen |
Convener: Prof. Stephen Justham

11:10–11:30

Type-Ia supernovae from mergers of hybrid He-CO WDs and CO WDs

Speaker

Prof. Hagai Perets

11:30–11:50

The Origin of Standard Thermonuclear Supernovae from Hybrid White Dwarf Mergers

Speaker

Mr Yossef Zenati

11:50–12:10

Runaway White Dwarfs after Shocks from Supernova Ejecta

Speaker

Evan Bauer

12:10–12:30

Hydrodynamic Evolution of Supernovae Impacting White Dwarf Donors

Speaker

Matthew Coleman

12:30

14:00

Supernovae & their Aftermath

Session | **Location:** Geological Museum, Main Auditorium, Øster Voldgade 5-7 DK-1350 Copenhagen |
Convener: Anthony Piro

14:00–14:20

Three-Dimensional Simulations of White Dwarf Mergers and Turbulently-Driven Detonation Initiation

Speaker

Robert Fisher

14:20–14:40

Do sub-Chandrasekhar mass white dwarf explosions occur in nature?**Speaker**

Abigail Polin

14:40–15:00

Collisions of two white dwarfs and the associated nucleosynthesis**Speaker**

Prof. Jordi Isern

15:00–15:15

Poster Advertisments

15:15