

## **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 Advertisements**

15:15