

**Session Program**

**21-23 Feb 2018**



**UCLA Dark Matter 2018**

***Session 10***

UCLA Faculty Center  
480 Charles Young Drive, Los Angeles, California 90095 USA

# Thursday 22 February

17:30

## Session 10: Dark matter theory

Session | Convener: Katherine Freese

17:32–17:46

### Lina Necib (Caltech): Empirical Determination of the Dark Matter Velocity Distribution

**Speaker**

Lina Necib

17:46–18:00

### Riccardo Catena (Chalmers U. of Technology, Sweden): Determining dark matter particle properties with direct detection experiments

**Speaker**

Riccardo Catena

18:00–18:14

### Patrick Stengel (Stockholm): Dark Matter and QCD-Charged Mediators in the Quasi-Degenerate Regim

**Speaker**

Patrick Stengel

18:14–18:28

### Paul Shapiro (U of Texas at Austin): Cosmology in a Universe with Complex Scalar-Field Dark Matter

**Speaker**

Paul Shapiro

18:28–18:42

### Tanja Rindler-Daller (U of Vienna): Growth of perturbations in a Universe with complex scalar-field dark matter

**Speaker**

Dr Tanja Rindler-Daller

18:42–18:56

### Sebastian Baum (Stockholm U. and Oskar Klein Centre, Sweden): Thermal dark matter and the Higgs

**Speaker**

Sebastian Baum

18:56