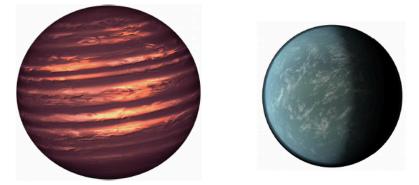


## 5<sup>th</sup> Scottish Exoplanet & Brown Dwarf Community Meeting

27<sup>th</sup> October 2017

Institute for Astronomy University of Edinburgh





## PROGRAMME

10:00 Arrival and Welcome Coffee in the IfA Rooftop Gallery 10:30 Welcome from Beth & Christiane

Morning Session. Chair: Beth Biller

10:30 Pop-up Session 1:
Beth Biller, Aurora Sicilia-Aguilar, Nedyalka Panova & Craig Stark
10:50 Kirstin Hay
Stellar limb darkening for exoplanet transits with Neural Networks
11:10 Clemence Fontanive
Brown Dwarf Binary Properties as a Function of Age
11:30 Mariangela Bonavita
Orbiting a binary: SPHERE characterization of the HD 284149 system
11:50 Duncan Forgan
Automatic Characterisation of Individual Spiral Arms in Protostellar Disc
Simulations
12:10 Jasmina Blecic
Assessing Exoplanetary 3D Thermal Structure using 1D retrieval

12:30 Lunch

Afternoon Session. Chair: Christiane Helling

14:00 Pop-up Session 2: Christiane Helling, Soko Matsumura, Ken Rice, Paul Palmer
14:20 Adam Burgasser Radius Inflation among the Lowest Mass Stars
14:40 Annelies Mortier Characteristing the smallest planets: Solar observations with HARPS-N
15:00 Johanna Vos Testing the Effect of Viewing Angle on the Observed Colours and Variability
Amplitudes of Brown Dwarfs and Exoplanet Analogues
15:20 Nicole Schanche Finding Transit Candidates using Machine Learning
15:40 Will Robson Rocha Assessing input data for modelling the chemistries of planets, brown dwarfs and planet-forming disks

16:00 Farewell Coffee

16:30 End of Meeting