

Habitable Worlds Observatory Schedule

Talks

Friday 14h15-15h45

14h15: Opening remarks from UKSA

Engineering:

14h20: The Habitable Worlds Observatory in the UK (Martin Barstow)

14h35: Detector developments for HWO and other UV missions (Jason Gow)

Science exploitation:

14h50: Using galaxy evolution simulations to predict planet habitability beyond Earth (Rob Yates)

15h05: Feasibility of life-forming planets around K-Dwarf planets (Online) (Haniah Mokhtar)

15h15: Determining PSF stability requirements for low-mass dark matter subhalo detection with the Habitable Worlds Observatory (Georgios N. Vassilakis)

15h25: Science highlights and news from the HWO-UK community meeting Invited (Vincent Van Eylen)

15h35: Moderated discussion on future directions for UK leadership in and exploitation of HWO

Posters

1. Direct imaging of cold giant planets with HWO (Joanna K. Barstow)