



Inaugural Oxford Network for Planets in the Universe Distinguished Lecture

'Getting to Know Alien Worlds: Characterizing Exoplanets from the Ground and from Space'

Professor Ray Jayawardhana

York University, Canada

Wednesday, 8 November 2017 at 17:00

(to be seated by 16:50)



Abstract: On-going searches for planets around other stars have revealed a remarkable diversity of worlds, and comparative studies of their properties have begun in earnest. Exoplanets caught in transit are particularly well suited for investigating the characteristics of their atmospheres. We will discuss recent results using Kepler space telescope data as well as ground-based observations, including our attempts to extend these techniques to super-Earth planets. We will also preview our plans for using the NIRISS instrument on the James Webb Space Telescope, and other exciting opportunities for the near future.

Please note: Registration is required via Eventbrite (no registration fee)

This lecture will be followed by a Drinks Reception in the foyer of the Martin Wood

**Lindeman Lecture Theatre
Clarendon Laboratory
Department of Physics
Parks Road, Oxford OX1 3PU
THIS LECTURE IS OPEN TO THE PUBLIC**