

Exoplanet on-line workshop, 2022 November 12

Asteroid and Remote Planets Section Exoplanet Division

EXPLORE – ExoPLANet Orbit REsearch An Introduction to the Project

10:00-10:30 Introduction by Roger Dymock – <https://youtu.be/RDfCe26Cad0>

Exoplanet Division update EXPLORE introduction

10:30-11:15 Ariel and ExoClock with Anastasia Kokori –

<https://youtu.be/xBMxSdLUO6k>

Mission and observational efficiency ExoClock – a model of pro-am collaboration

[11:30-12:15 EXPLORE Part 1 – Detecting exoplanets with Rodney Buckland –](https://youtu.be/WAsN16-c0JQ)

<https://youtu.be/WAsN16-c0JQ>

Observation Modelling

Searching databases Zooniverse

12:15-12:45 How to discover an exoplanet (telescope and camera not required) with

Roger Dymock – <https://youtu.be/8iwZ5SEyW-o>

13:30-14:15 EXPLORE Part 2 with Martin Crow – <https://youtu.be/ys8c7qSGxS4>

Introduction to HOPS

Synchronous observations to detect shallow transits

Data mining transit observations for variable star photometry

14:15- 15:00 AstrolmageJ with Richard Lee – https://youtu.be/_yIX0Ntmzws An alternative to HOPS

15:15-15:45 Observing with robotic telescopes by Rodney Buckland –

<https://youtu.be/w9ekaQ7iJDA>

15:45-16:00 EXPLORE NEEDS EXPLORERS with Roger Dymock –

<https://youtu.be/WJQOLyqMi0I>

[Here](#) is a pdf of this talk including the Extras pages which listed a number of relevant links 16:00-16:30 Q&A with Roger Dymock, Rodney Buckland and Martin Crow