

**Session Program**

**6-10 Jun 2022**

**NBIA Workshop on Radiation Transfer in  
Astrophysics**

***Accretion Disks***

# Thursday 9 June

09:00

## Accretion Disks

### Session

09:00–09:30

### General Relativistic Radiation Hydrodynamics and Black Hole Accretion

#### Speaker

Shane William Davis

09:30–10:00

### A polarimetric view of black hole accretion flows and jets

#### Speaker

Monika Moscibrodzka

10:00–10:20

### Modelling continuum anisotropy and super Eddington accreting quasar spectra

#### Speaker

Swayamtrupta Panda

10:20–11:00

### Coffee Break

11:00–11:20

### Applicability of LTE to Kilonova Ejecta, and Impact on Opacities

#### Speaker

Quentin Pognan

11:20–11:40

### Discrete implicit Monte-Carlo (DIMC) scheme for simulating radiative transfer problems

#### Speaker

Shay I. Heizler

11:40–12:10

### [Ca II] emission in the nebular phase: what exactly can it tell us?

#### Speaker

Abigail Polin

12:10