

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

Swayanamrta 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