

# **New paradigms for radiatively efficient accretion disks**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Omer Blaes

*Monday, December 6, 2021 9:15 AM (45 minutes)*

“Disks in Binaries”

Contribution ID: 2

Type: **not specified**

## Janosz Dewberry

*Monday, December 6, 2021 10:05 AM (20 minutes)*

“MHD waves and instabilities in eccentric disks”

Contribution ID: 3

Type: **not specified**

## Bryance Oyang

*Monday, December 6, 2021 10:25 AM (20 minutes)*

“Eccentricity growth in superhumping binaries”

Contribution ID: 4

Type: **not specified**

## Cass Hall

*Monday, December 6, 2021 2:00 PM (45 minutes)*

“Disc self-gravity in protoplanetary discs”

Contribution ID: 5

Type: **not specified**

## Hans Baehr

*Monday, December 6, 2021 2:50 PM (20 minutes)*

“Formation of Planetary Embryos in Self-Gravitating Disks”

Contribution ID: 6

Type: **not specified**

## Hannalore Gerling-Dunsmore

*Monday, December 6, 2021 3:10 PM (20 minutes)*

“Preliminary Study of the Magnetorotational Instability in a Self-Gravitating Disk”

Contribution ID: 7

Type: **not specified**

## Nico Scepi

*Tuesday, December 7, 2021 9:15 AM (45 minutes)*

“The Effect of Net Magnetic Field on Accretion Disks”



Contribution ID: 8

Type: **not specified**

## **Matt Coleman**

*Tuesday, December 7, 2021 10:05 AM (20 minutes)*

“Dwarf Nova Oscillations Identified in Boundary Layer Simulations”

Contribution ID: 9

Type: **not specified**

## Lizhong Zhang

*Tuesday, December 7, 2021 10:25 AM (20 minutes)*

“Radiative RMHD simulation of neutron star accretion column”

Contribution ID: **10**

Type: **not specified**

## **Daniel Proga**

*Tuesday, December 7, 2021 2:00 PM (45 minutes)*

“Outflows from Radiatively Efficient Accretion Disks”

Contribution ID: **11**

Type: **not specified**

## **Ian Rabago**

*Tuesday, December 7, 2021 2:50 PM (20 minutes)*

“Grid-Based Simulations of Polar Aligned Circumbinary Disks”

Contribution ID: **12**

Type: **not specified**

## Wenrui Xu

*Tuesday, December 7, 2021 3:10 PM (20 minutes)*

“Modeling protostellar disk formation: from radiative non-ideal MHD simulations to a predictive semi-analytic model”

Contribution ID: 13

Type: **not specified**

## Roman Rafikov

*Wednesday, December 8, 2021 9:15 AM (45 minutes)*

“Role of Thermal Physics in Disk-Planet Interaction”

Contribution ID: 14

Type: **not specified**

## Shangjia Zhang

*Wednesday, December 8, 2021 10:05 AM (20 minutes)*

“Self-consistent ring model in protoplanetary disks: temperature dips and substructure formation”

Contribution ID: 15

Type: **not specified**

## Marcelo Fernando Barraza Alfaro

*Wednesday, December 8, 2021 10:25 AM (20 minutes)*

“Predicting observational signatures of the vertical shear instability in planet-forming disk CO kinematics”



Contribution ID: **16**

Type: **not specified**

## Saavik Ford

*Wednesday, December 8, 2021 2:00 PM (45 minutes)*

“Disks with embedded objects”

Contribution ID: 17

Type: **not specified**

## **Pierre Marchand**

*Wednesday, December 8, 2021 2:50 PM (20 minutes)*

“Grain coagulation in protoplanetary disk formation”

Contribution ID: **18**

Type: **not specified**

## **Aleksandra Kuznetsova**

*Wednesday, December 8, 2021 3:10 PM (20 minutes)*

“Dynamical Effects of Anisotropic Infall onto Disks”

Contribution ID: 20

Type: **not specified**

## **Session 1 Moderator: Jim Stone**

*Monday, December 6, 2021 9:00 AM (3h 30m)*

Contribution ID: 21

Type: **not specified**

## **Session 2 Moderator: Shane Davis**

*Monday, December 6, 2021 1:45 PM (2h 15m)*

Contribution ID: 22

Type: **not specified**

## **Session 1 Moderator: Zhaohuan Zhu**

*Tuesday, December 7, 2021 9:00 AM (3h 30m)*

Contribution ID: 23

Type: **not specified**

## **Session 2 Moderator: Eliot Quataert**

*Tuesday, December 7, 2021 1:45 PM (2h 15m)*

Contribution ID: 24

Type: **not specified**

## **Session 1 Moderator: Jeremy Goodman**

*Wednesday, December 8, 2021 9:00 AM (3h 30m)*



Contribution ID: 25

Type: **not specified**

## **Session 2 Moderator: Andrew MacFadyen**

*Wednesday, December 8, 2021 1:45 PM (2h 15m)*