

## **Session Program**

**6-10 Jun 2022**

# **NBIA Workshop on Radiation Transfer in Astrophysics**

***Protoplanetary Disks***

## Tuesday 7 June

13:30

### Protoplanetary Disks

#### Session

13:30-14:00 **Radiation thermo-chemical modeling of planet forming disks**

**Speaker**

Inga Kamp

14:00-14:20

**Hydrogen-line emission from accreting planets: fluxes, line shapes, and a new correlation**

**Speaker**

Gabriel-Dominique Marleau

14:20-14:40

**Discontinuous finite element method applied to the 2D radiative transfer problem in axisymmetric circumstellar envelopes**

**Speaker**

Jérémie Perdigon

14:40-15:30

**Coffee Break**

15:30-15:50

**Radiative transfer and protostars and disks: an observer's perspective**

**Speaker**

Lars Kristensen

15:50-16:10

**Dissecting the kinematics of an infalling envelope with modeling of absorption and emission**

**Speaker**

Yao-Lun Yang

16:10-16:30

**Multi-fluid Radiation Hydrodynamics of Protoplanets**

**Speaker**

Leonardo Krapp

17:05