



Chemical & Physical Sciences  
**UNIVERSITY OF TORONTO**  
MISSISSAUGA

## COLLOQUIUM SEMINAR SERIES

### OBSERVATIONAL PLANET FORMATION



It is hard to see a plane cruising at 10 km during daytime, as the plane is tiny and faint on the sky. But, if we can see the contrail tailed behind the plane, we know where the plane is. Now, astronomers are applying the same principle to study how planets form, by detecting and characterizing the structures baby planets produce in their birth cradles – protoplanetary disks. This is a new field largely driven by discoveries made by some of the largest and most advanced telescopes ever built. I will introduce the current status of the field, and highlight some of the latest developments as well as unsolved problems.

## COLLOQUIUM SEMINAR SERIES

*featuring*

**Professor Ruobing Dong**

**Department of Physics & Astronomy, University of Victoria**

Wednesday, October 18, 2023 | 3:30pm | CCT2150