

**BOSTON
UNIVERSITY**

**Boston University College of Arts & Sciences
Institute for Astrophysical Research**

2018 - 2019 ASTROPHYSICS SEMINAR SERIES

Planet Formation through Radio Eyes

Circumstellar disks provide the raw material and initial conditions for planet formation. Millimeter-wavelength interferometry is a powerful tool for studying gas and dust in planet-forming regions, and it has recently undergone an immense leap in sophistication with the advent of the ALMA interferometer that is now beginning operations. I will discuss some ways in which millimeter-wavelength interferometry is being used to study the process of planet formation in circumstellar disks, with particular emphasis on the degree to which debris disk structure reflects the dynamics of embedded planetary systems.



Monday, September 17th

3:30 - 4:30 p.m.

725 Commonwealth Avenue | Room 502



A. Meredith Hughes
Wesleyan University