Progress Since Last TAC Meeting (09/01/2015)

Since the last TAC meeting, my paper on the effect of radial drift and viscous gas accretion on snowline locations and the C/O ratio in disks has been accepted and published. I am in the final stages of completing a follow-up paper, in which I am adding nitrogen-bearing species and methane in the drift-desorption model developed in the first paper, and I am considering different ice morphologies (pure versus water dominated ices). I aim to submit this paper by the end of this week (03/11/2016).

I've spent some amount of time last fall applying for postdocs, as well as traveling to various universities to present my thesis research and attending two conferences. I have been successful in my job search, and I was offered two postdoctoral positions at the University of Chicago and UCLA. I decided to go to UCLA next fall and work with Hilke Schlichting in the Earth, Planetary and Space Sciences department.

Publications

Ana-Maria A. Piso, Karin I. Öberg, Tilman Birnstiel, and Ruth A. Murray-Clay, *C/O and Snowline Locations in Protoplanetary Disks: The Effect of Radial Drift and Viscous Gas Accretion*. Astrophysical Journal, 2015, 815, 109

Ana-Maria A. Piso, Karin I. Öberg, and Jamila Pegues, *The Role of Ice Compositions and Morphology For Snowlines and the C/N/O Ratios in Active Disks* (final stages, to be submitted to ApJ by 03/11/2016)

Conferences and Talks

2016

ITC Luncheon, Cambridge, MA. *Invited Talk* (upcoming)
Exoplanets I, Davos, Switzerland. *Contributed Talk or Poster* (upcoming)
MIT Planetary Lunch Colloquium, Cambridge, MA. *Invited Talk*
CfA Small Scale Seminar, Cambridge, MA. *Invited Talk*
AAS 227th Meeting, Kissimmee, FL. *Dissertation Talk*

2015

Extreme Solar Systems III, Waikoloa, HI. *Poster*
University of Michigan Lunch Talk, Ann Arbor, MI. *Contributed Talk*
University of Chicago Exoplanet Journal Club, Chicago, IL. *Contributed Talk*
MIT Exoplanet Tea, Cambridge, MA. *Contributed Talk*
CIPS Seminar, Berkeley, CA. *Invited Talk*