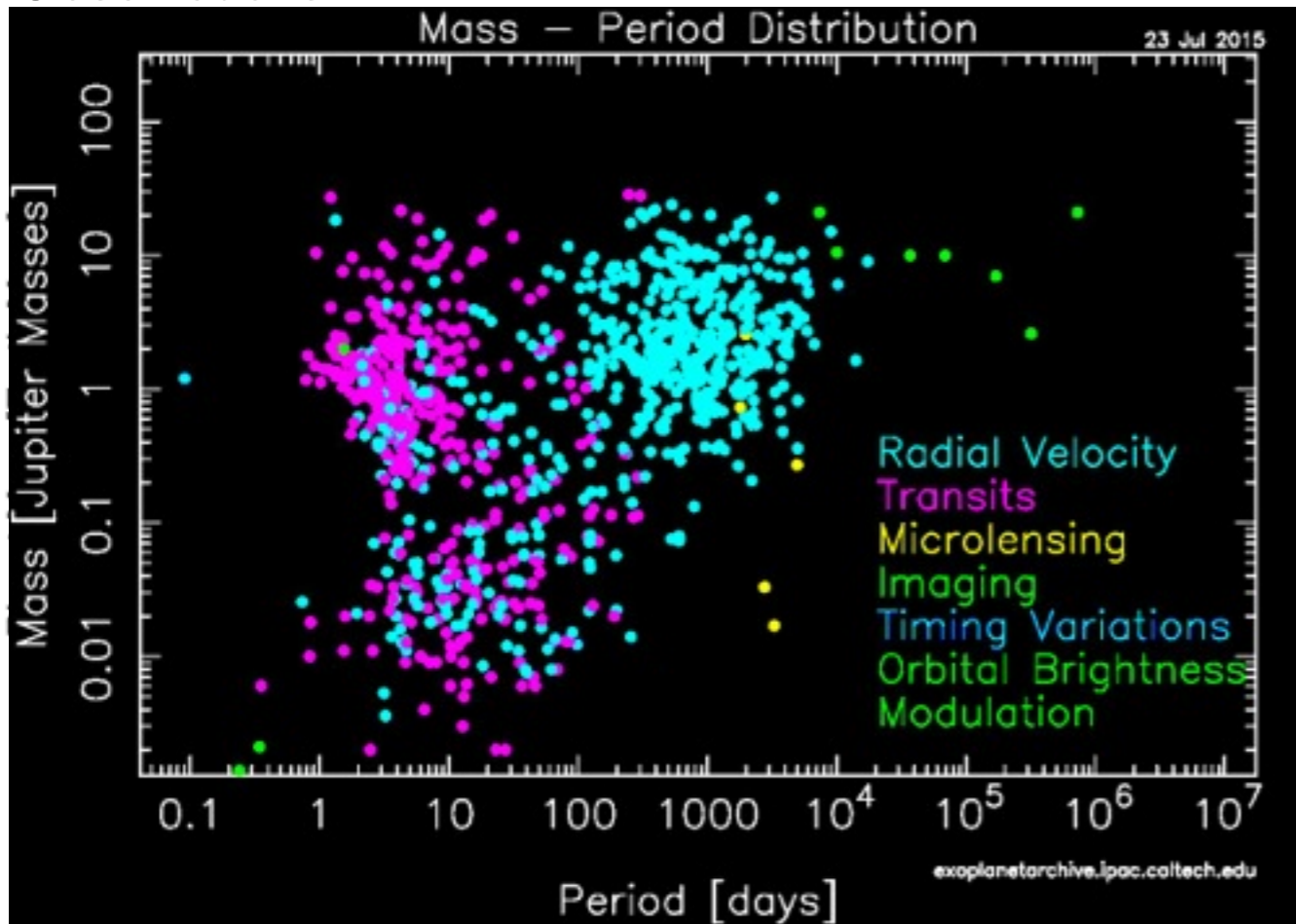


Introduction to Hands- on Sessions

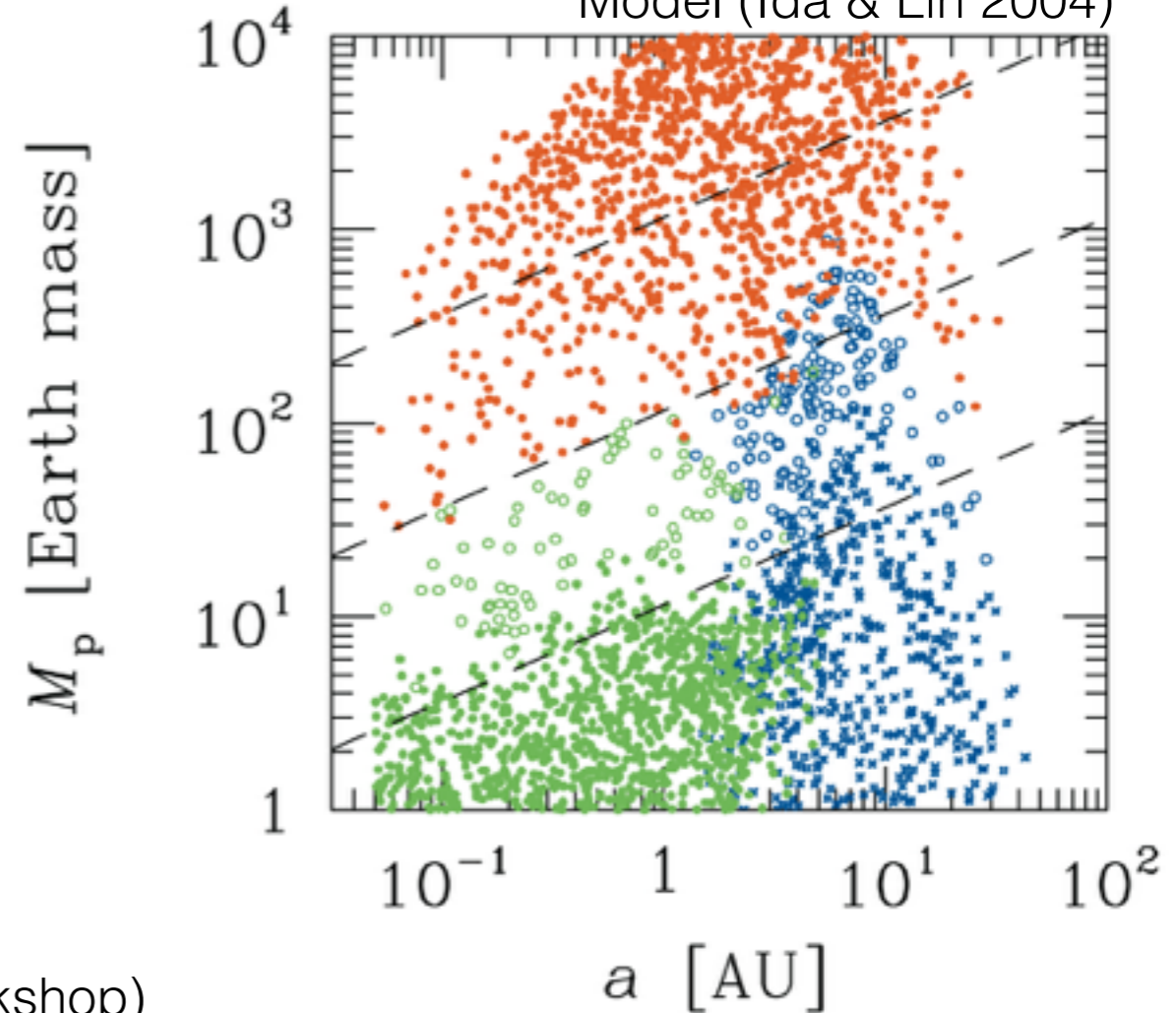
Sagan Summer School 27.7.2015

Comparing observations and models

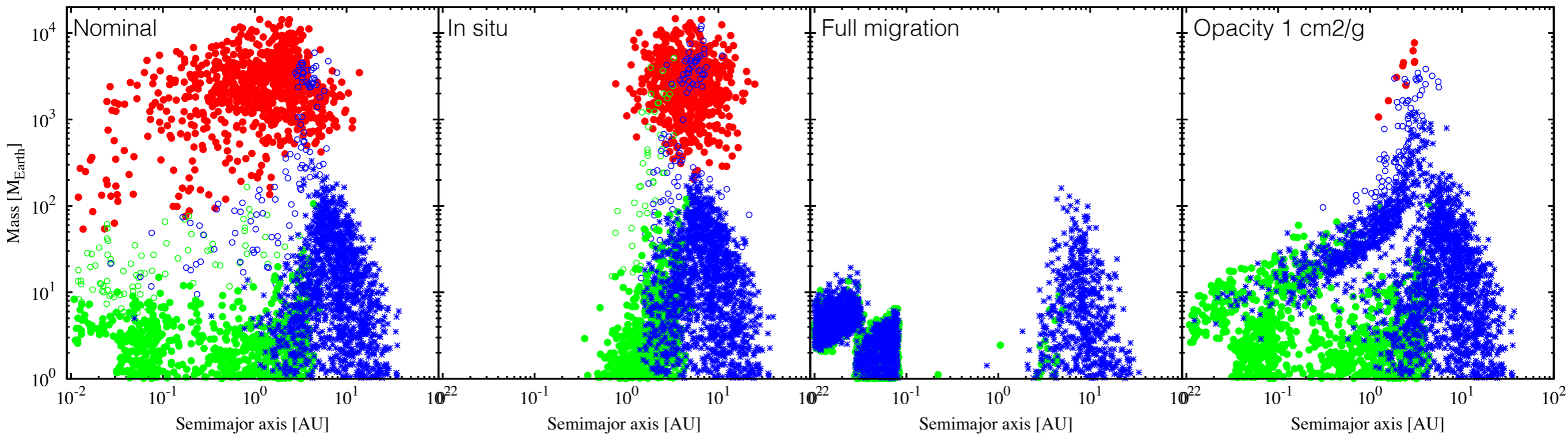
Observations



Model (Ida & Lin 2004)



Models (this workshop)



Schedule I

- **Monday, 3:30-5:30 pm**
 - Introduction. Simulation of the formation of a single planet and of a planetary system.
- **Tuesday, 3:30-5:30 pm**
 - Population synthesis. Impact of model assumptions.

Schedule II

- **Wednesday, 3:05-5:00 pm**
 - Comparing against observations
- **Thursday, 1:30-5:00 pm**
 - Group project work
- **Friday, 1:30-3:00 pm**
 - Group project presentations

Documents

All are found on the workshop main webpage

1) Theoretical background of the theoretical planet formation model http://nexsci.caltech.edu/workshop/2015/mondayTuesday_background.pdf

2) Practical guide on how to run the model
http://nexsci.caltech.edu/workshop/2015/mondayTuesday_background.pdf

3) How good is your model? Comparison with Observations
http://nexsci.caltech.edu/workshop/2015/wednesday_instructions.pdf

4) Group Projects: Exploring Planet Formation
http://nexsci.caltech.edu/workshop/2015/SSW2015_handson_intro.pptx

5) Source code and input files
<http://nexsci.caltech.edu/workshop/2015/handsOn.tar>