

Questions and Answers

The Formation of Stars and Planetary Systems, 2010, September 6-9, Särö, Sweden

Section & Talk by ...Hannah Jang-Condell... (Session 3).....

Name/Question...Jean-François GONZALEZ.....

- Do you assume that gas and dust are well-mixed when you produce images?
- Did you consider the effect dust migration and settling would have on the images?

Name/Answer...Hannah Jang-Condell.....

- Yes, gas & dust are well-mixed
- No, I have not yet considered the effects of dust settling & migration.

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Section & Talk by 3 Hannah Jang - Condell

Name/Question C. Dominik

You mentioned that it might be possible to see the presence of a gap in a disk just by looking at the SED. Our experience is that this is very difficult because of the temperature rise at the outer boundary which compensates for the missing material.

Name/Answer Hannah Jang-Condell

The effect on the SED is admittedly small. Another complication is that an overall increase in the SED brightness as modeled could be interpreted as an increase in disk mass rather than temperature, and resolving that degeneracy is model-dependent.