

## Planetesimal formation -- The snow line and "no-drift" mechanism

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In this talk, planetesimal formation around the snow line is discussed. We also report a new mechanism, the "no-drift" runaway pile-up, that leads to a runaway accumulation of pebbles in protoplanetary disks.

These new findings are discussed in the following papers:

Ida S., Guillot T., Hyodo R., et al. (2021) A&A, 646, A13

Hyodo R., Guillot T., Ida S., et al. (2021) A&A, 646, A14

Hyodo R., Ida S., Guillot T. (2021) A&A, 645, L9.

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