The PPOLs Model **Planetary System Architecture & Water Content from Pebble Accretion** Sean McCloat¹, G. Mulders², & S. Fieber-Beyer¹

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What is pebble accretion?

- dust and drift inward through disk.
- a planetesimal may scatter instead of accrete. A pebble growing protoplanet.



explore a combination of **mechanisms** often studied system architecture, particularly bulk water content of planetary embryos.



- (*filtered*) from pebble supply inward.
- quenches growth of interior seeds.
- more efficient growth.





