October 6, 2021
MSE 2101 topics

• Test 1 review

• Examples of alternative models
  - the fast-spinning Sun
  - Comte de Buffon's collision hypothesis
  - Chamberlin-Moulton's close encounter hypothesis
  - Schmidt's Sun passing through an interstellar cloud

• Challenges to the nebular theory
  - weird exoplanets – hot jupiters
  - stellar formation typically a violent process
  - planetary disks can linger a long long time