

September 17, 2021  
MSE 2101 topics

- Objections, and how Galileo resolved them
  - inertia
  - perfect, unchanging heavens
  - @#\$%@ stellar parallax
- 1633: The Trial of Galileo
- Kepler's laws of planetary motion
- 1687: Newton's *Principia* brings everything together
- The Hallmarks of science:
  - ditch supernatural!
  - create testable models for which Occam's razor applies!
  - test predictions, revise, abandon if faulty!
- Science vs. pseudoscience
- Can science and religion co-exist?