

Nov 1, 2021
MSE 2101 topics

- The interplay between electric and strong nuclear forces
- Getting two protons to stick together?
 - kinetic theory of gases (the fancy way of saying that particle velocity in a gas is distributed around the average velocity)
 - quantum tunneling
- The principle of fusion – turning hydrogen into helium
 - *optional* (i.e. won't be on the quiz): proton-proton chain

Suggested reading:

[Chapter 4 of David Weintraub's book](#)
[It's the power of quantum mechanics that allow the Sun to shine](#)