My name is Mike Gentile.

(you can call me "Mike")

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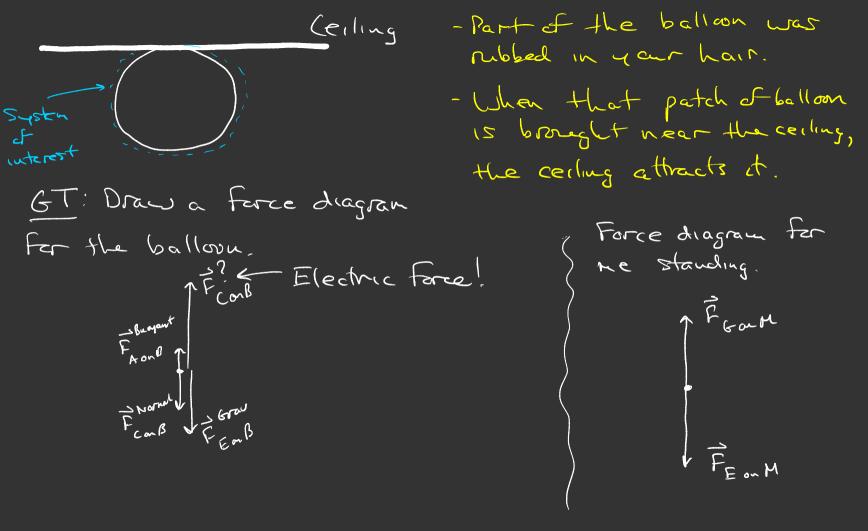
Physics 194 - Lecture 1

Have a question during class? Please ask it right away, even if it means interrupting in the middle of a thought. I want you to!

Agenda

- Course overview and Q+A
- Lab starts this week, recitation next week
- The electric interaction

Class Starts @2:15 pm





BOODBOOD Polarization

Electric interaction

1) Protons attract electrons? opposite

+ vice versu

attract

4) Electric interaction weakers with distance

Charge diagram

2) Postas repel protons 2 Same sign 3) Electrons repel electrons charges The attract on 15 greater than the repulsion (because the electrons are closer to the ballown) 5) Charged objects polarize other objects which then allows for (weak) attraction.

What if the ballom gained electrons?

