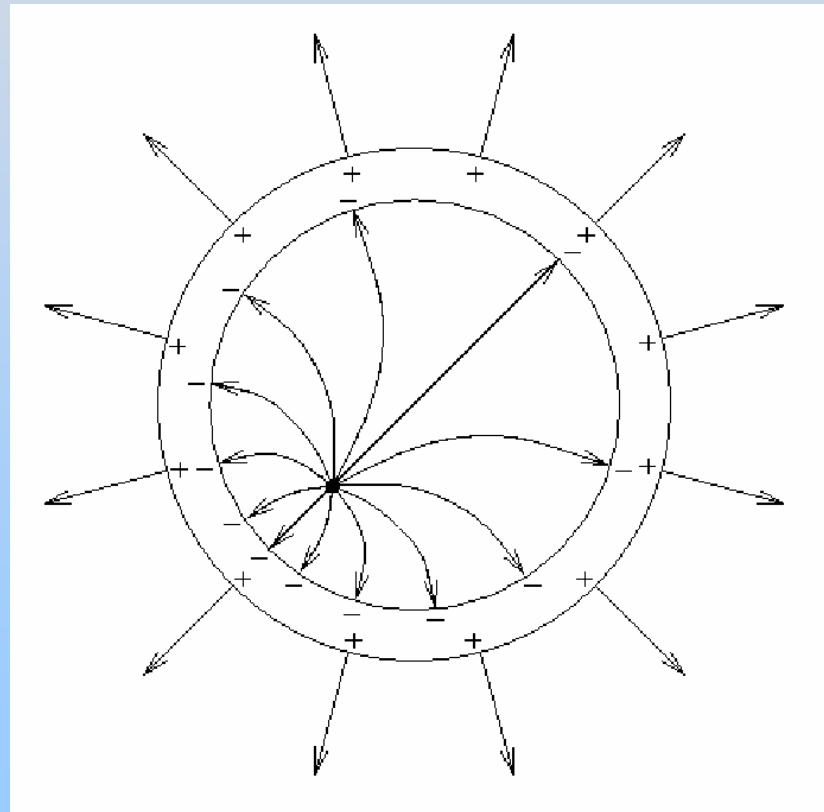
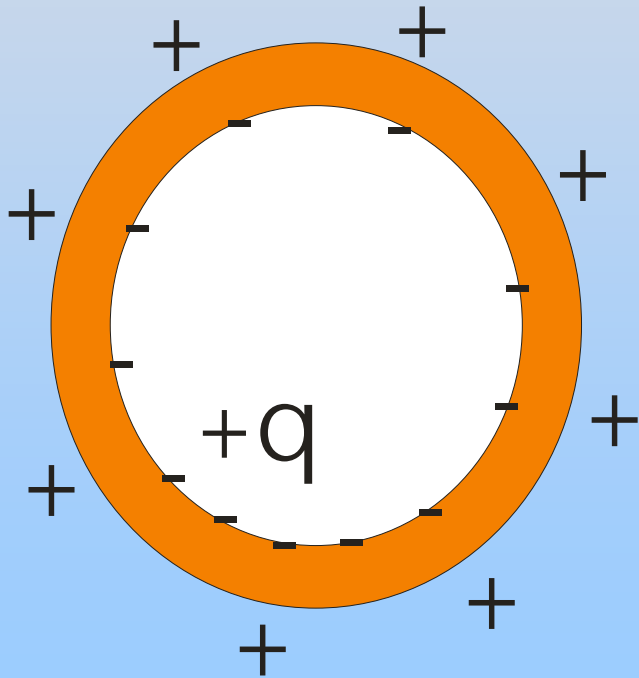


Conductors as Shields

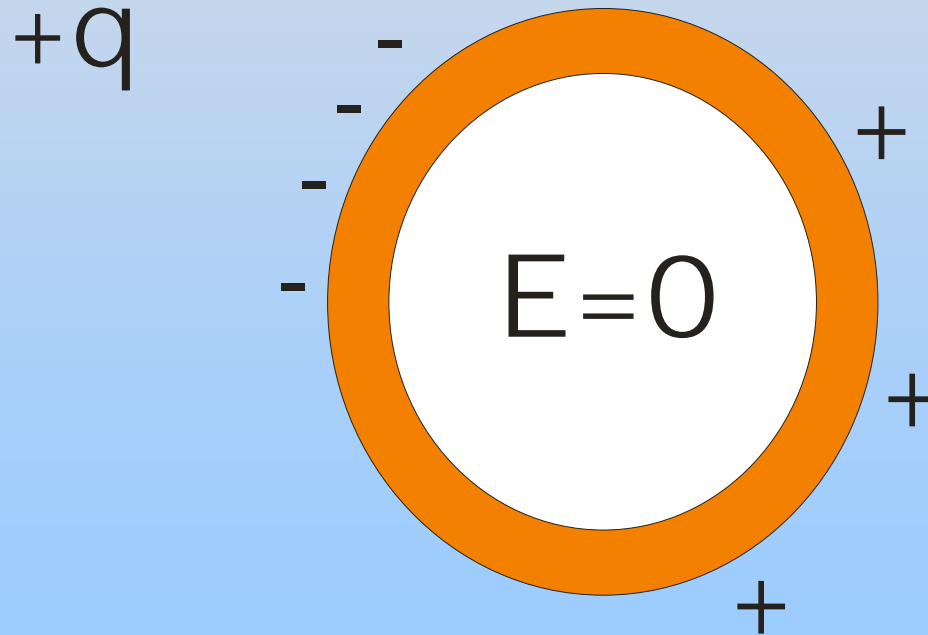
Hollow Conductors

Charge placed INSIDE induces balancing charge INSIDE

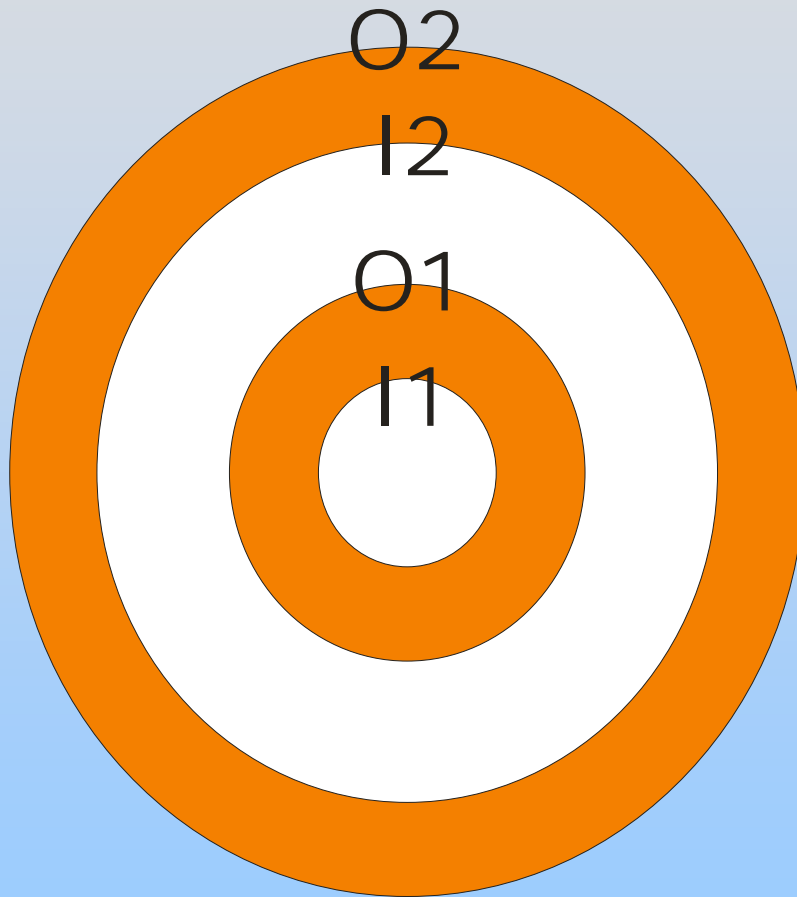


Hollow Conductors

Charge placed OUTSIDE induces charge separation on OUTSIDE



PRS Setup

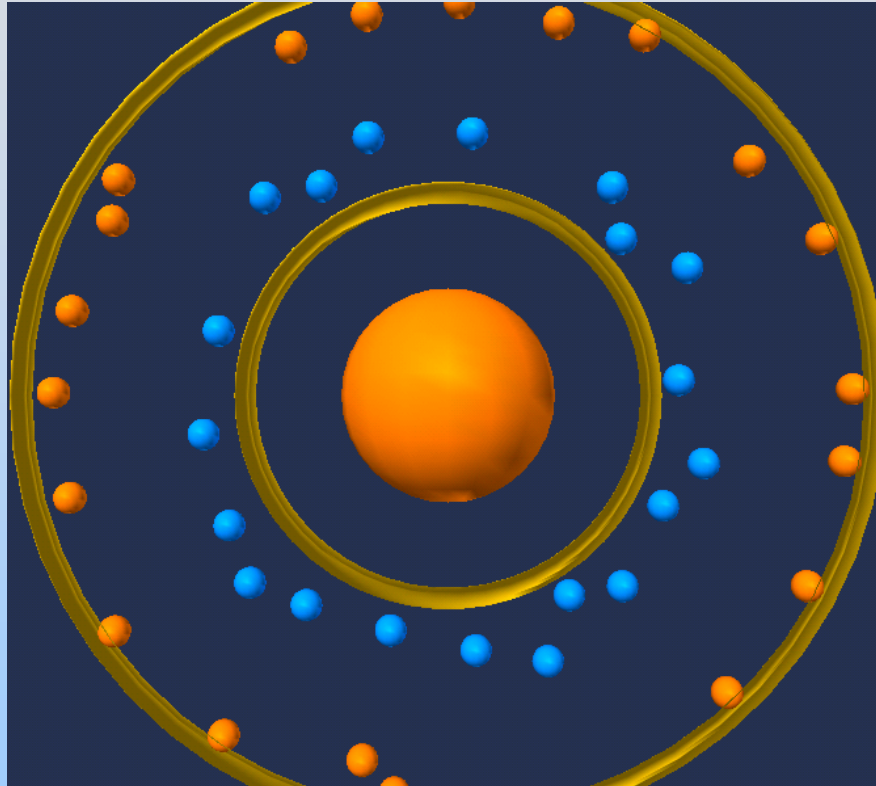


What happens
if we put Q in
the center?

PRS Questions: Point Charge Inside Conductor

Demonstration: Conductive Shielding

Visualization: Inductive Charging



<http://ocw.mit.edu/ans7870/8/8.02T/f04/visualizations/electrostatics/40-chargebyinduction/40-chargebyinduction.html>