Two different Piezoelectric Material Models, with different coordinate systems:
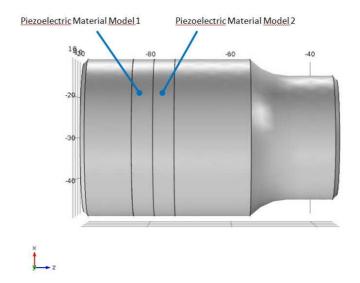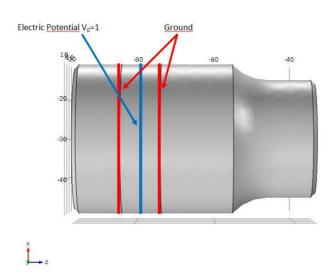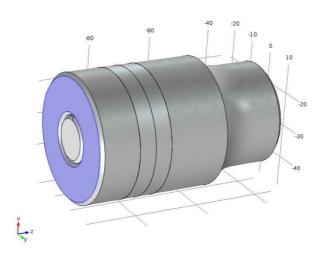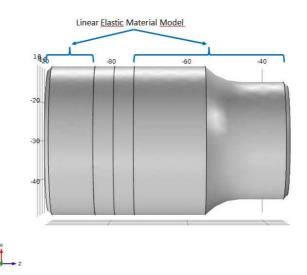

Electrical Potential and Ground defined:

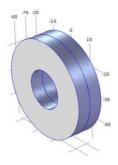**Fixed Constraint:**
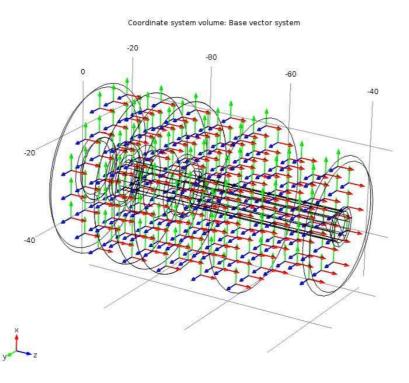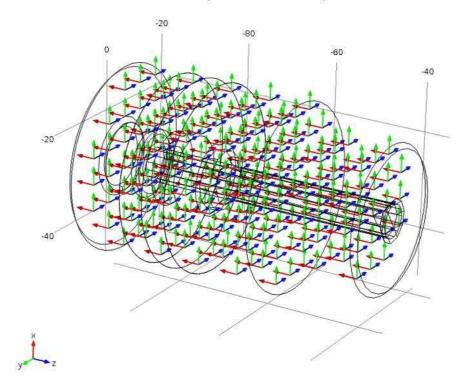
Linear Elastic Material Model (1050 Aluminun Alloy):

Zero Charge: Inner and outer surfaces of the ring:

Two different Coordinate System defined, one for each Piezoelectric Material Model:

Coordinate system volume: Base vector system

The result:

Surface: Total displacement (mm)