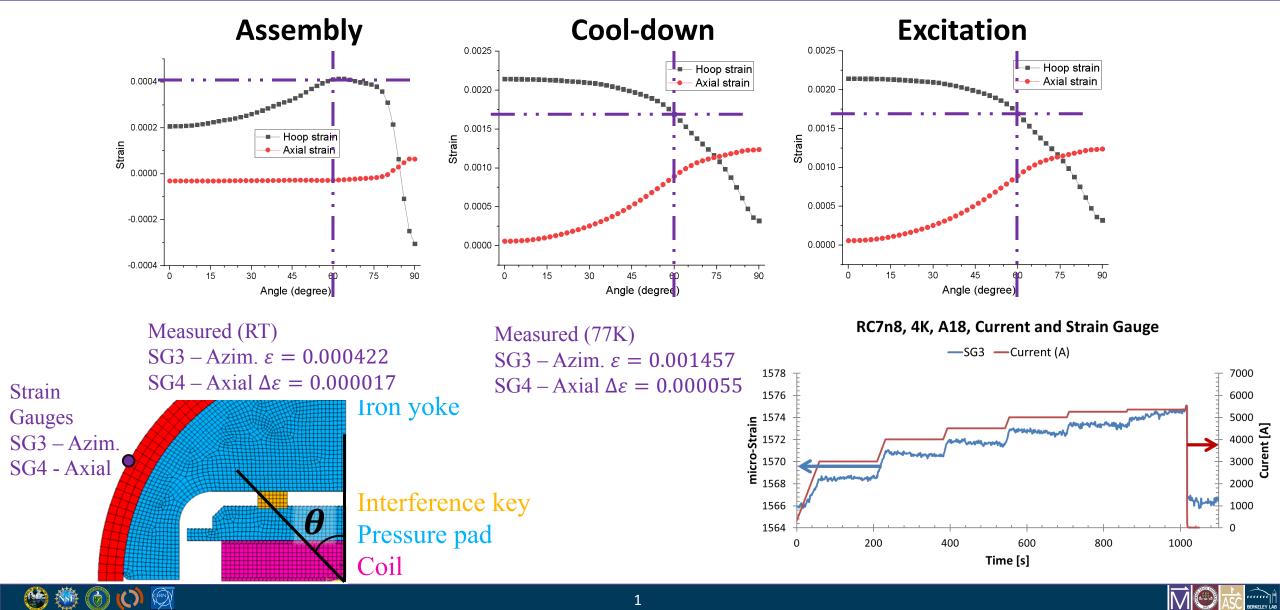
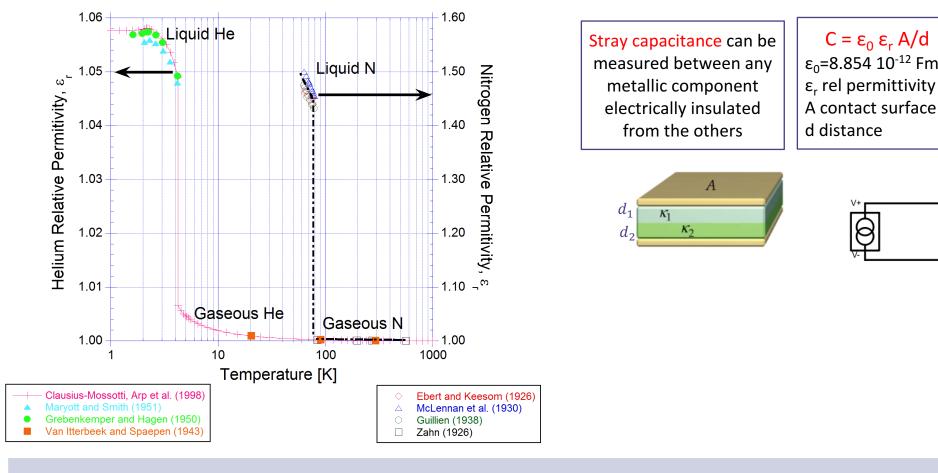
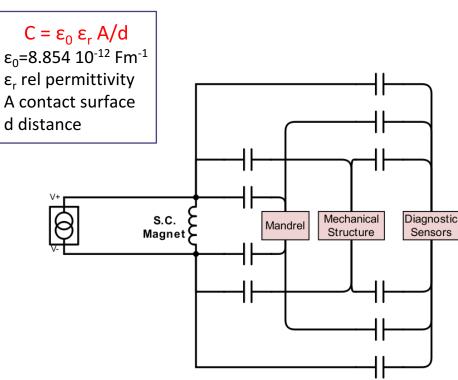
Coil Pre-Loading and Cool-Down Followed FEM Predictions





Phase Change of Permittivity for Stray Capacitance





Local Heating

Cryogenic Fluid Boil-off

Permittivity Change

Capacitance Change

Quench Detection



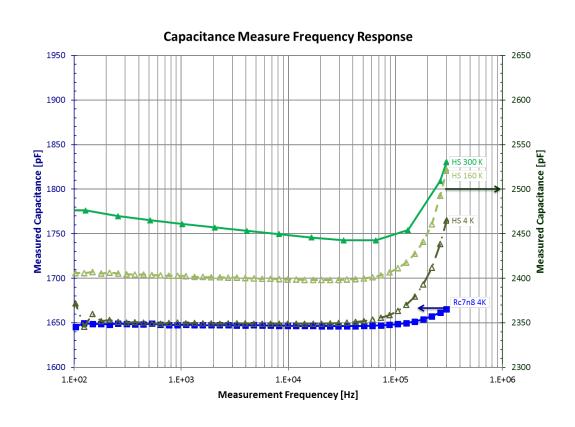








Horseshoe-Yoke works as a stray capacitance sensor



RC7n8, 4K, A18, Current and Strain Gauge

