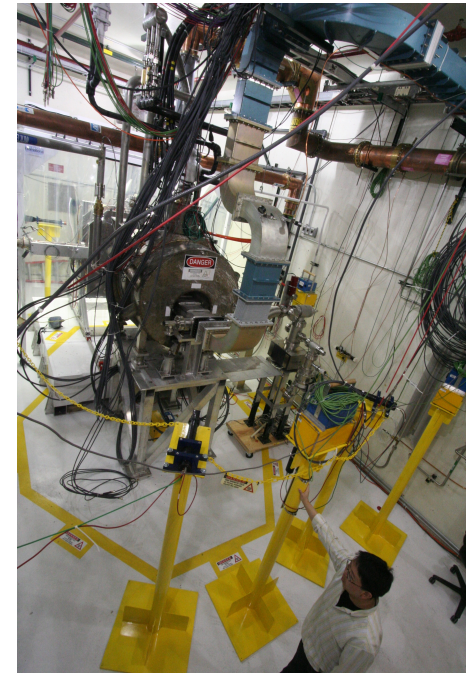


# *RF Tuner Control*



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**I** *Motivation*

**II** *Description*

**III** *Plans – to do list*

**IV** *Summary*

# Motivation

- ***RF cavities are effectively RC circuits driven at resonance***
- ***Resonant frequency depends on geometry of cavity***
- ***Used pulse generator for 805 MHz cavities***
- ***No generator for 201 MHz***
- ***RF tuners modify cavity shape***
- ***System required to control deformation***

# Plan

