

## **Microphonics Measurements in Spoke Cavities**

### **M. Kelly, Argonne National Laboratory**

Phase stabilization of the RIA drift-tube cavities in the presence of microphonics will be key for RIA. Tests on the  $\beta=0.4$  single-cell cavity, including some with a new "cavity resonance monitor" to measure microphonics, verify that the spoke cavity is a particularly stable structure with respect to both microphonics and Lorentz detuning.