

# Status of 1.3-GHz Cavity Vacuum Furnace at IB-4

SRF Dev. Group Meeting

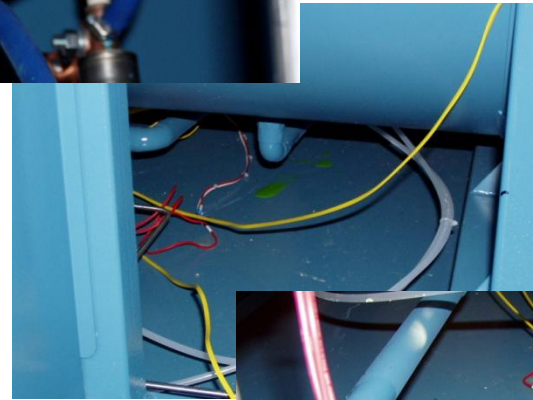
27 Sept 2010

# Much good news...

- Vendor visit last week
- Assembly complete
- Completed acceptance testing
  - Vacuum pressure  $1.2 \times 10^{-8}$ -torr
  - Empty Chamber Bake-out  $1000^{\circ}\text{C}$
  - SS cylinder Bake-out  $800^{\circ}\text{C}$
- Completed FNAL training (7 engineers and technicians)

# Some bad news...

- Small leaks in inner water lines
- Leak across inner seal of one of the gate valves leading to cryopump
- Vendor visit to make repairs Wed-Fri this week



# Next week

- Repair to leak in outer water cooling line
- Run at least one bake-out cycle to test the system
- Prepare for ORC