

# MuCool Test Area Tour

## MAP Review

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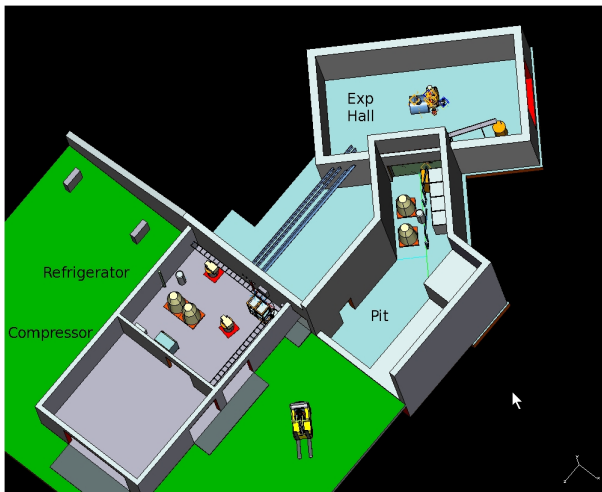


Dedicated facility at the end of the Linac built for ionization cooling R&D



- RF power (13 MW at 805 MHz, 4.5 MW at 201 MHz)
- Superconducting magnet (5 T solenoid)
- 805 and 201 MHz cavities
- Radiation detectors
- Cryo plant (surface building)
- 400 MeV p beamline (commissioned to upstream of hall)

# MuCool Test Area (MTA)



- 5-minute walk through Linac gallery to MTA
- Experimental hall
  - Occupancy limited to 12 people (including 2 escorts)
  - No open-toed shoes
  - Shoe covers mandatory (maintained as a clean area)
  - Careful walking in clown shoes
  - Watch your step!  
many trip hazards and fragile equipment
  - Watch your head!

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