



# PHENIX Run-14 Status

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# Starting up PHENIX

- Detector installation is complete
- Full PHENIX shifts since Feb. 04 (Today)
- Sub-system commissioning/debugging ongoing
- F/VTX systems had been warmed up, East Tower was retracted, troubleshot and closed again on Monday, Feb. 03
- Accumulation of sub-systems into Full-DAQ
- Start of cosmic muon data taking this week

# Water Leak

- Friday (Jan. 31): Water leak alarm of south muon arm detected around 12:30 AM
- Main power of south muon arm got down as soon as water leak was detected
- MCR crew found water dropping from inside of south muon arm
- Water supplies were shut off
- Trouble-shooting performed
- No leak found

# Calendar

- Cool down to 4 K: started Feb. 03 (Yesterday)
- Cool down to 4 K established by Feb. 08 or before
- Setup for Au-Au collisions at  $\sqrt{s} = 14.6$  GeV finished by Feb. 15
- First collisions in PHENIX expected by Feb. 16

# Goals for Run 14 Au+Au 200 GeV

- Collect definitive Au+Au data set for heavy quarks with F/VTX
- We require integrated luminosity of 1.5/nb within  $|z| < 10$  cm (recording 10 Billion Au+Au minimum bias events)
- We need to collect as many physics events as possible within the 14.6 GeV run