SciBooNE Report

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Aug 25, 2008 @AEM

Summary Aug 17-Aug 18

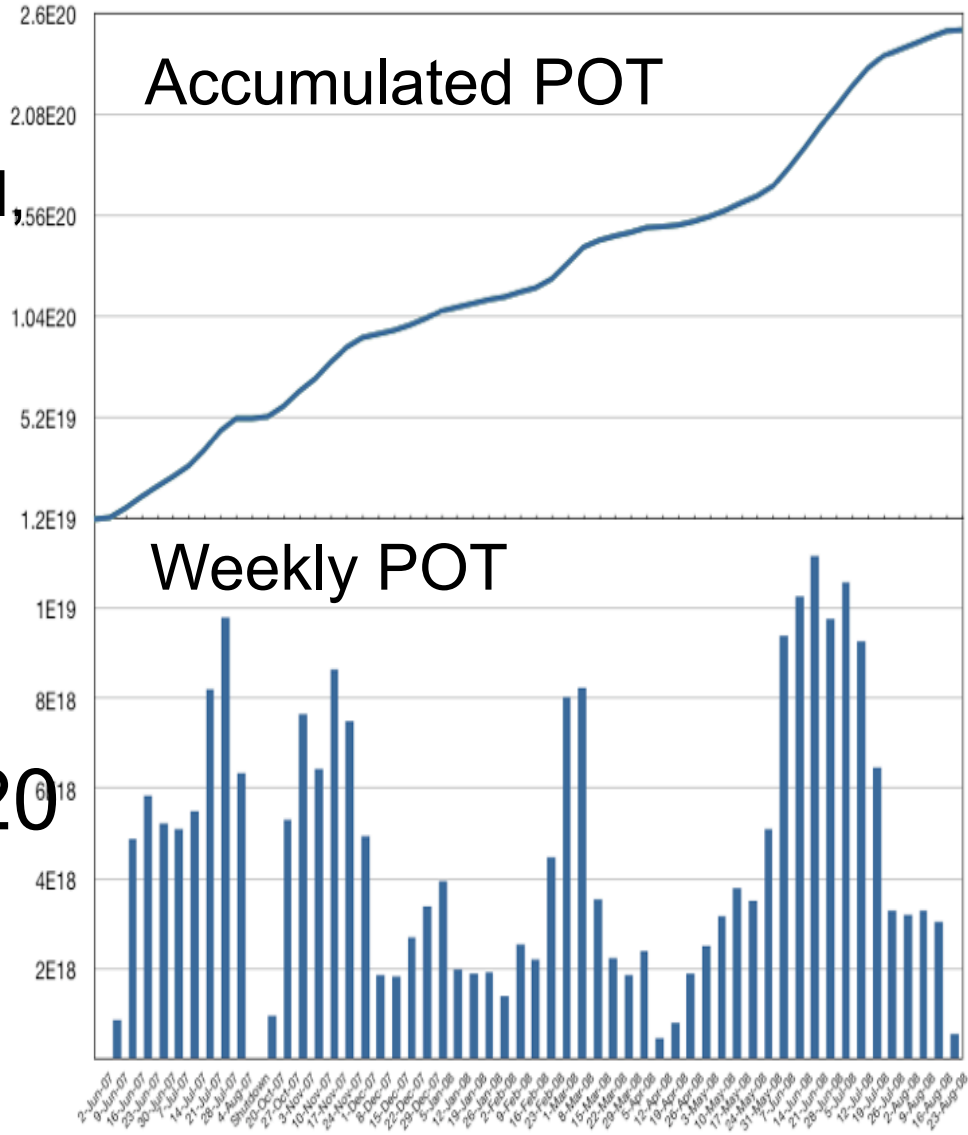
- Booster Neutrino Beam
  - Ran smoothly
    - Uptime fraction: 90%
    - Average proton/hr: 2.32E16
    - Average proton/pulse: 4.15E12
- SciBooNE Detectors

Numbers from B87 ($1D) 20080817-20080818

  - Uptime: 99.4% (period with beam on)
  - SciBar: Stable
  - EC: Stable
  - MRD: Stable
  - DAQ: Stable

Final Protons On Target

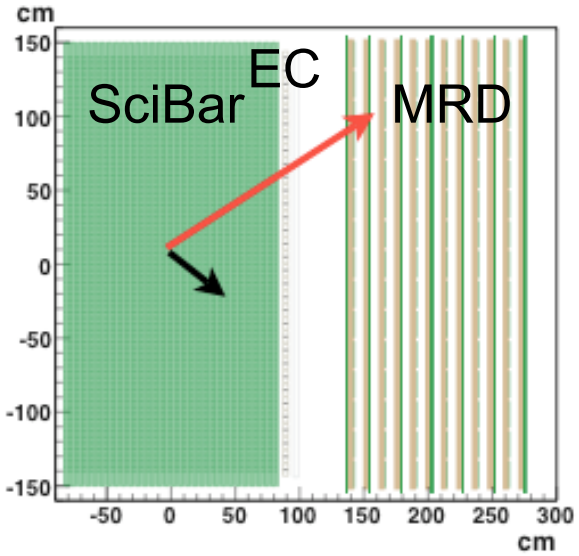
- POT Collected
  - (Aug 17-18)
    - 0.560E18 POT delivered,
    - 0.556E18 POT for analysis.
- Total POT ($\bar{\nu}$ mode) 1.53E20
- Total POT (ν+$\bar{\nu}$) 2.52E20
- SciBooNE proposal request: 2.0E20



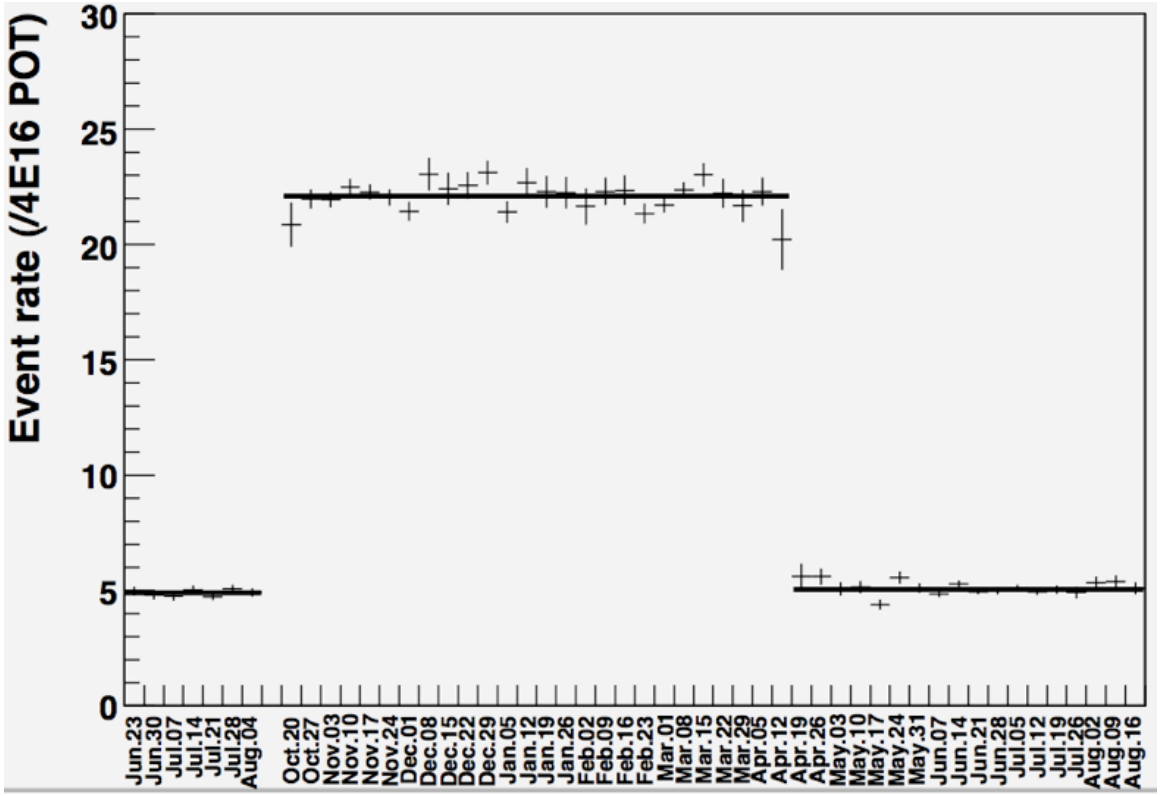
POT normalised event rate

- Charged current event candidates in SciBar.
- Stable within stat. error.

➔ Stable operation of beam & detector.

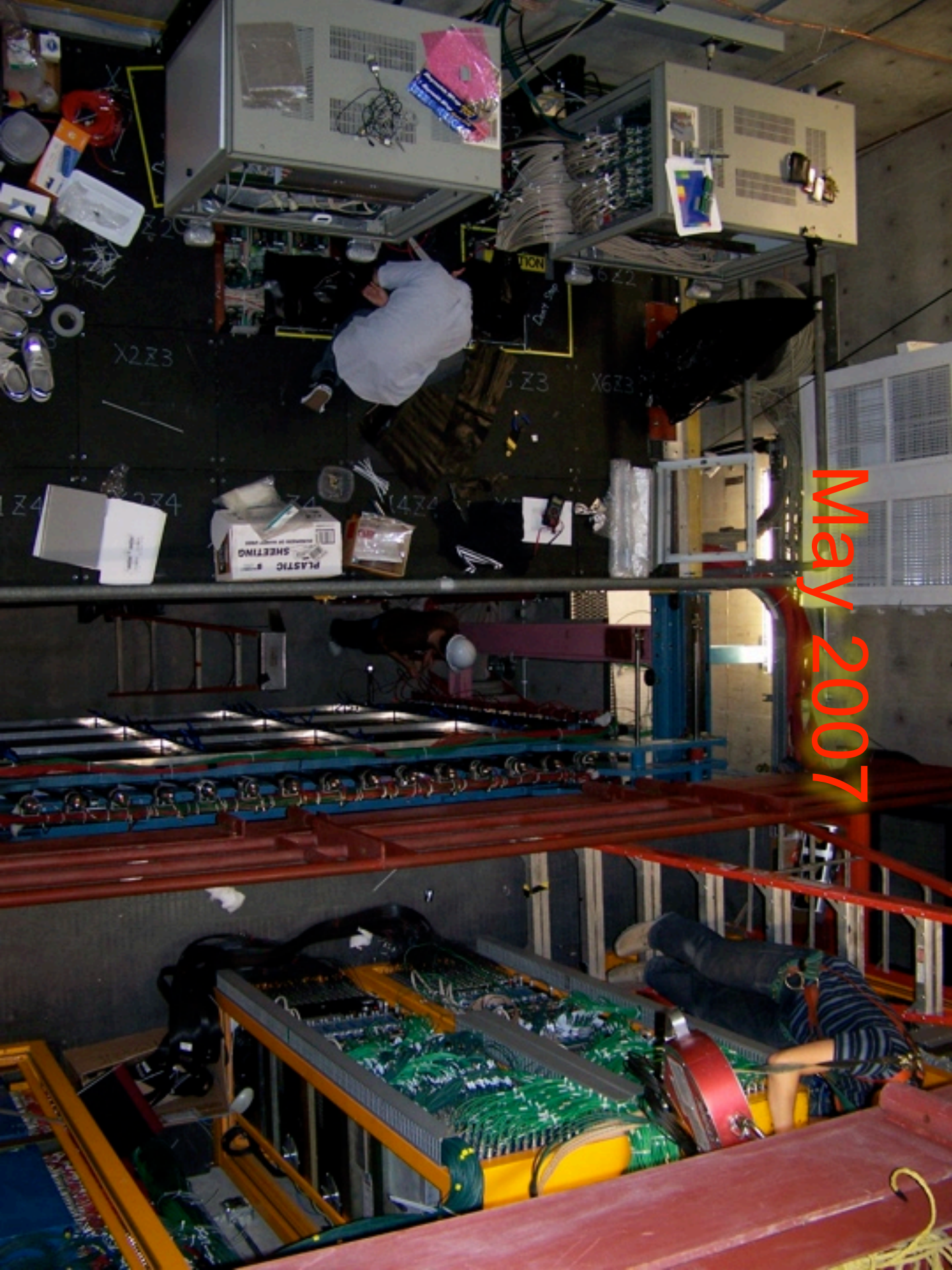


Event rate per week

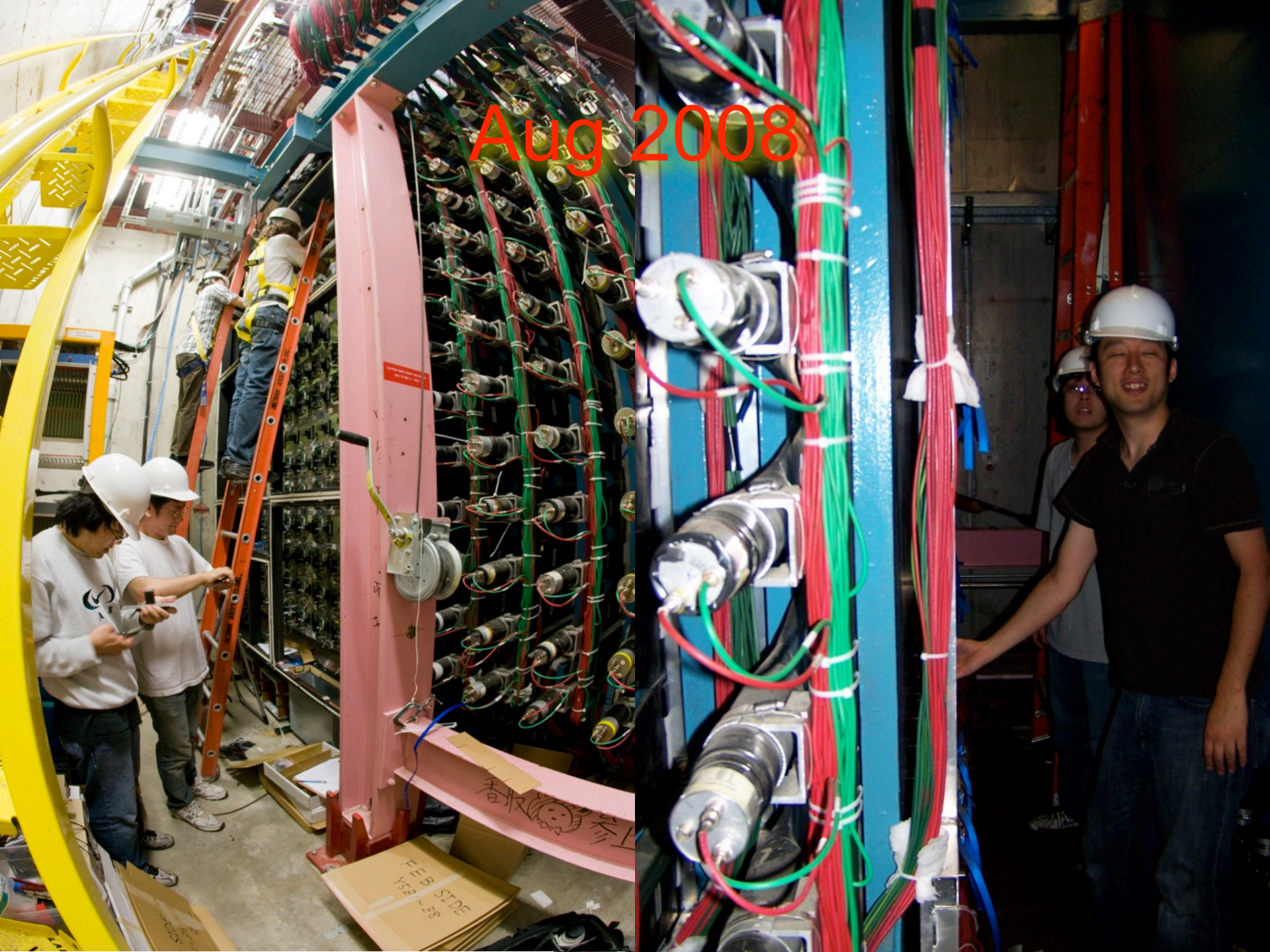


Decommissioning work

- SciBar: removed MAPMTs, FEBs, VME electronics; preparing to return to KEK or PREP
- MRD: removed 102 PMTs and all electronics & HV; preparing to return to PREP or owners
- Removed SciBooNE computers from BooNE Control Room
- Now sorting out materials and tools, etc.
- EC: will remove PMTs and electronics & ship to Italy


May 2007


Aug 2008


Aug 2008
FEB SIDE


SciBooNE (E954)
University of Barcelona, IFAE
Chonnam National University
University of Cincinnati
University of Colorado
Columbia University
Dongshin University
Fermilab
KEK
Imperial College, London
Indiana University
ICRR, University of Tokyo
Kyoto University
Aug 2008

SciBooNE at ICHEP08

More coming soon!