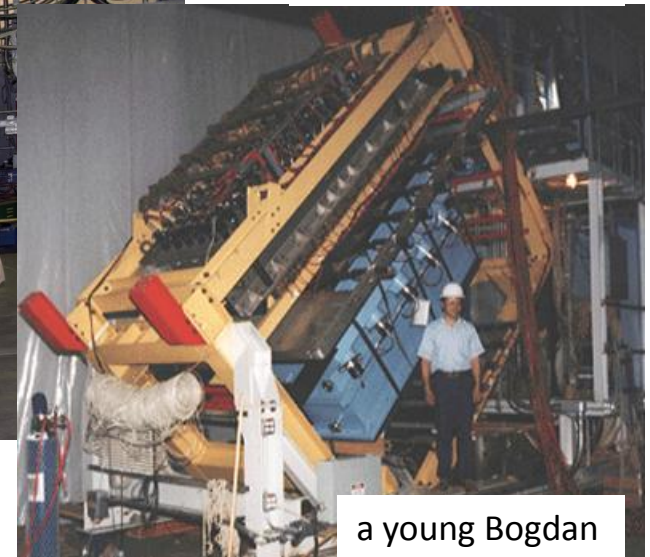


# Left HRS Status

The L-HRS will be used to calibrate HCal's neutron detection efficiency via  $p(\gamma, \pi^+)n$  with  $\pi^+$  on HRS, and neutron on Hcal.



Detector Stack



a young Bogdan

# Left HRS Detector Status

Detector	Installed on stack	Cabled to DAQ	Tested
VDC	✓	✓	✓ in CREX, not lately
S0			Currently have the HAPPEX S0
S2m	✓		
Pion Rejector	✓		
Gas Cherenkov			
Aerogel A1			

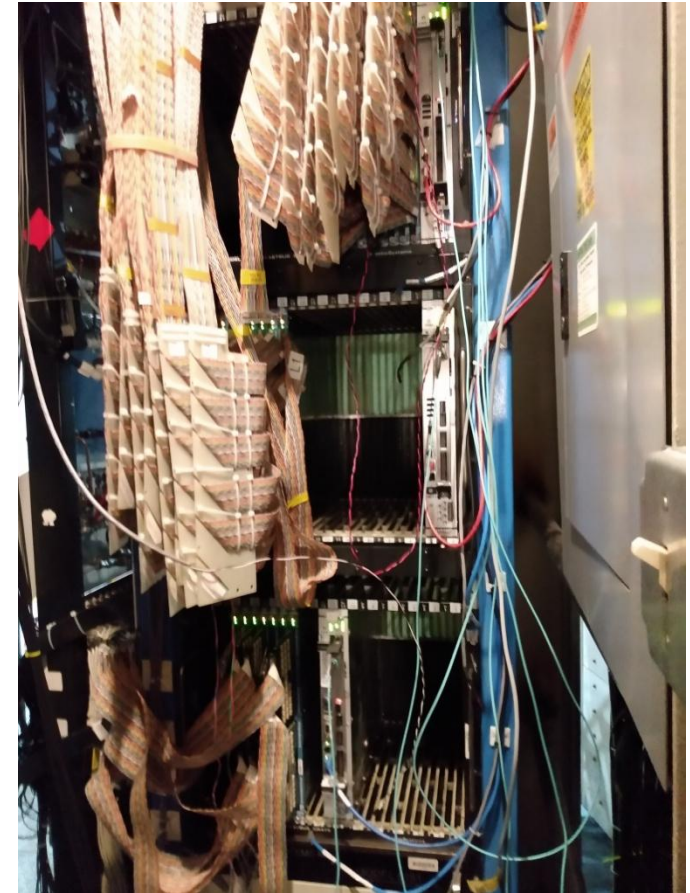
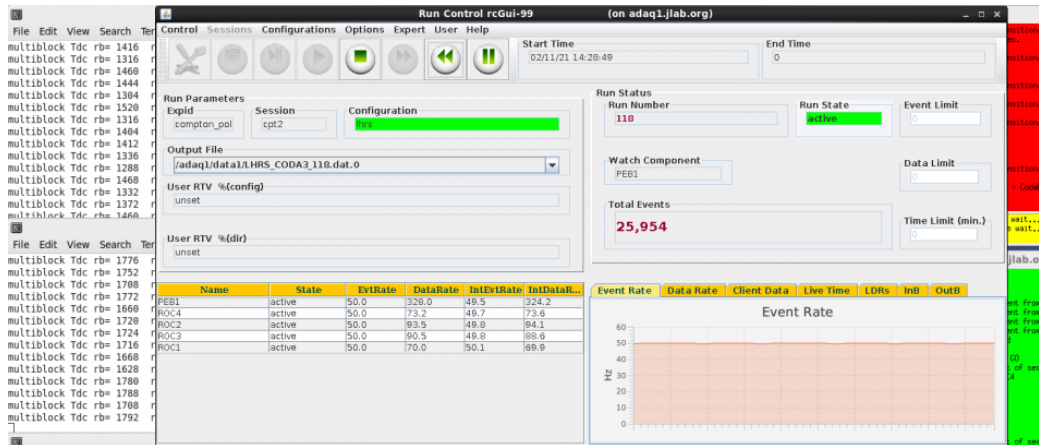
- These are all detectors that were used before.
- The Straw Chamber is still in – should be removed.
- Installation and cabling to be handled by Jack Segal

# Person Power -- LHRS

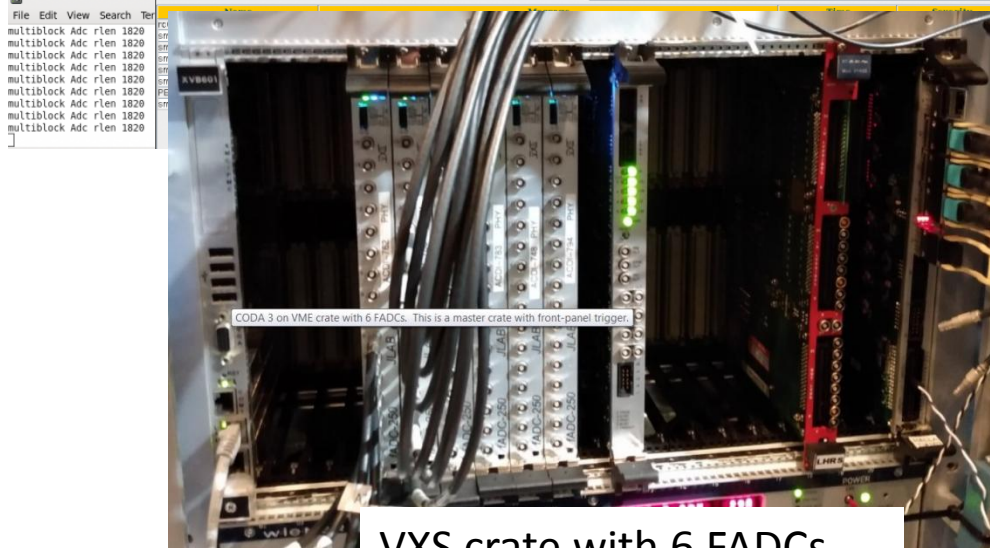
- Bob Michaels
- Maria Satnik W&M grad. student
- Jack Segal
- Bogdan Wojtsekhowski

# Left HRS DAQ Status

CODA 3.10 recently installed on L-HRS -- working

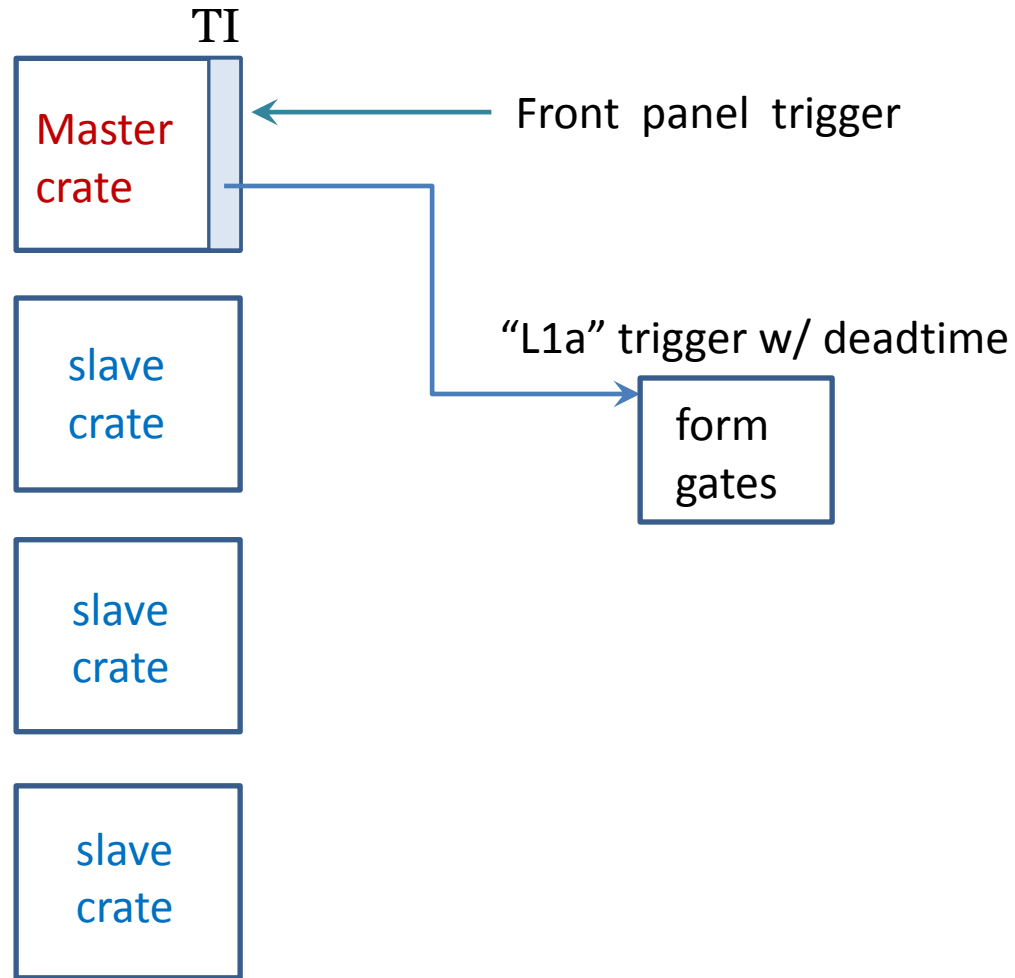


Three Fastbus crates (TDC, ADC)

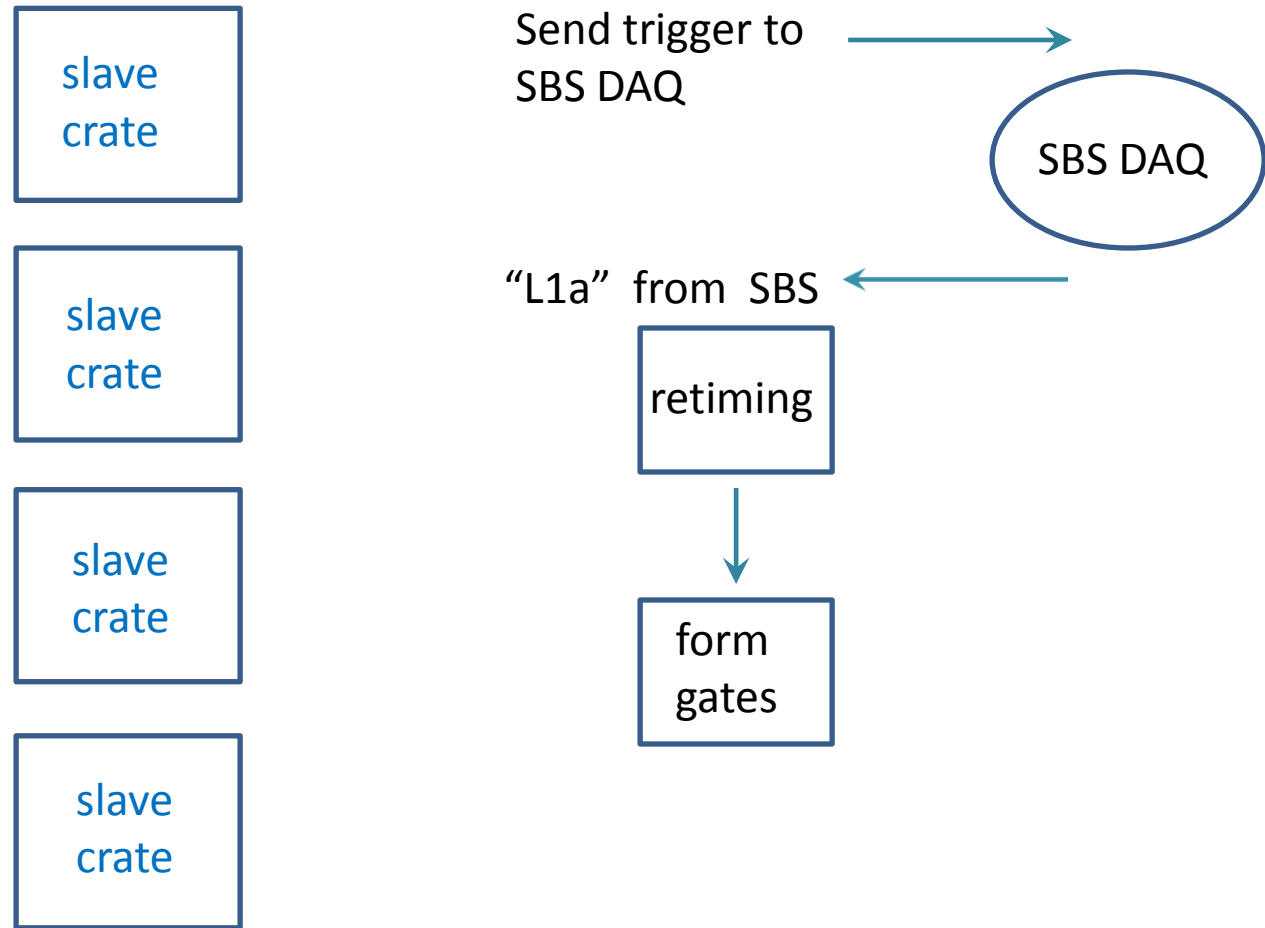


VXS crate with 6 FADCs

# Left HRS DAQ Setup -- Standalone



# Left HRS DAQ Setup – coupled to SBS



# Left HRS Plans

What	When (start - finish)	Who
Test VDCs with S0	now – Feb 27	Maria, Bob
(priority) Install rest of detectors	When possible. It takes 1 week	Jack
Finish trigger	now – March 4	Bob, Maria
CentOS7 , sysadmin	anytime	Bob, Bryan Moffit
Prepare Podd Analysis	now – March 10	Bob, Maria
Cosmics Checkout	now - March 20	Bob, Maria, Bogdan
Could implement BPM, raster, helicity, scalers	March 1 - 31	Bob + ...
DAQ Stress Tests	April 1 - 10	Bob, Maria

Standalone mode Ready in mid-April

Connecting to SBS DAQ takes 1 week.