Triplet Polarimeter

March 16, 2015
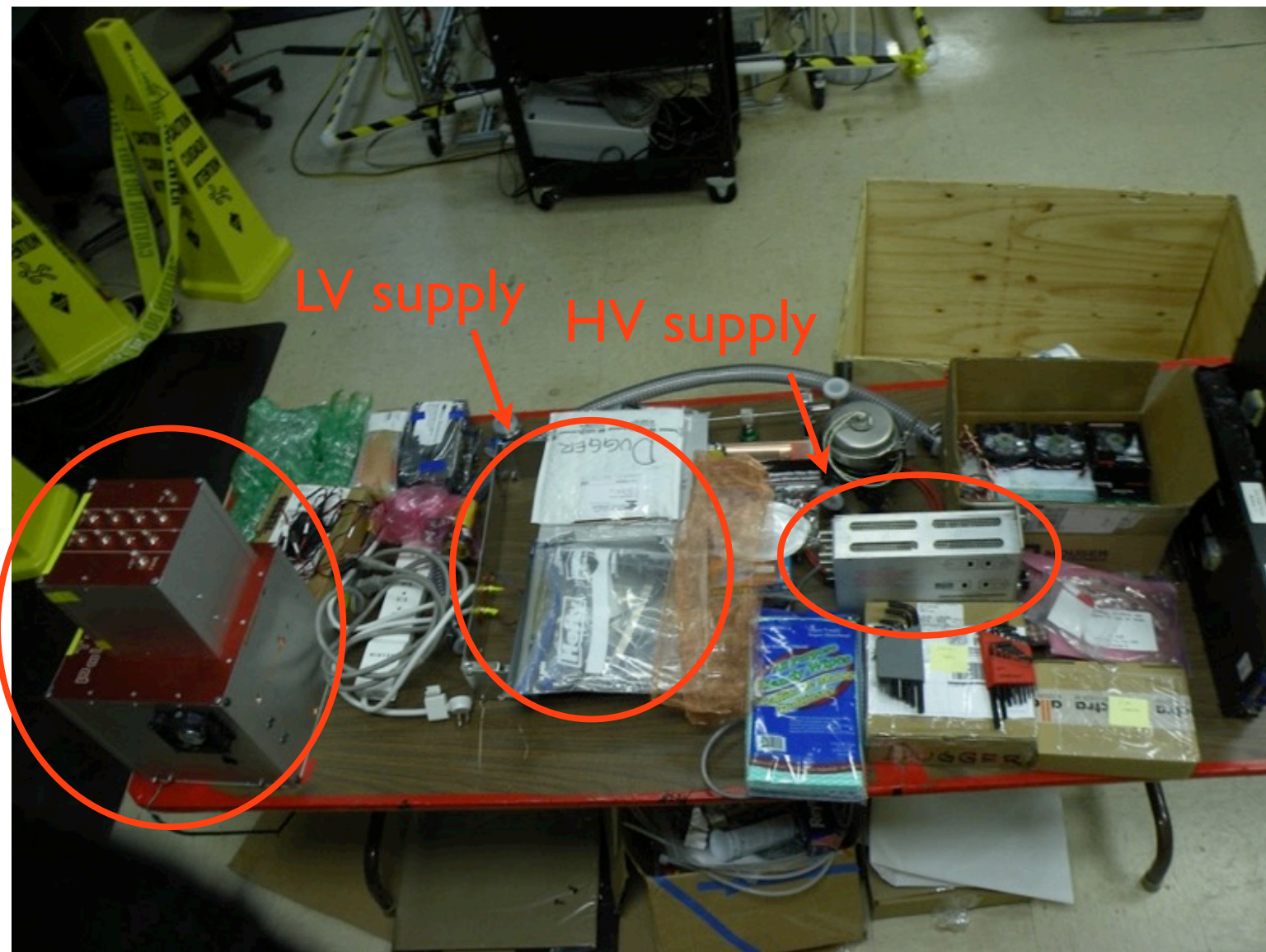Kei Moriya

ASU
ARIZONA STATE UNIVERSITY

Setup

- Received all components in packages from ASU

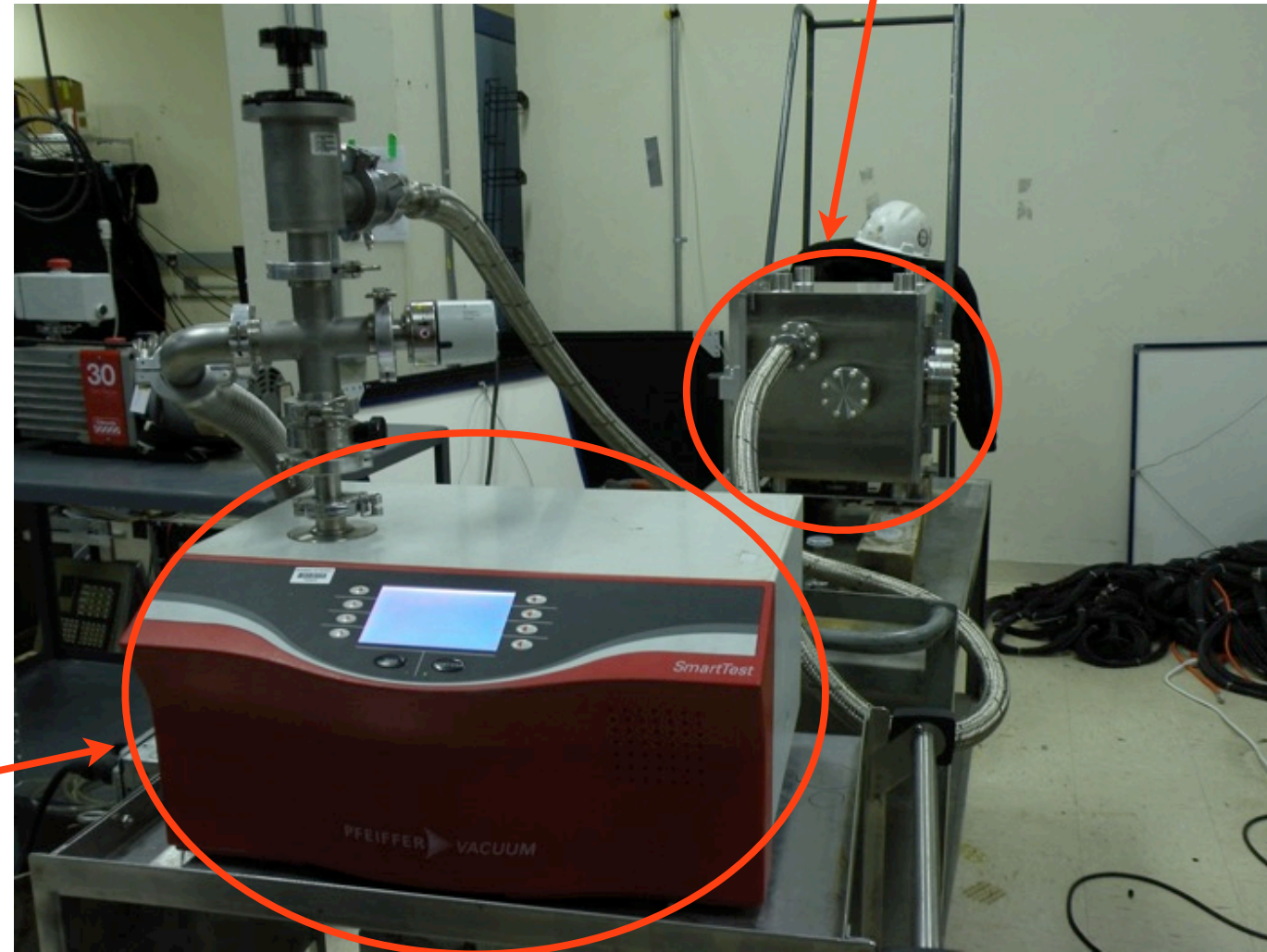- Setting up in EEL126 next to FDC

preamp enclosure/ readout box
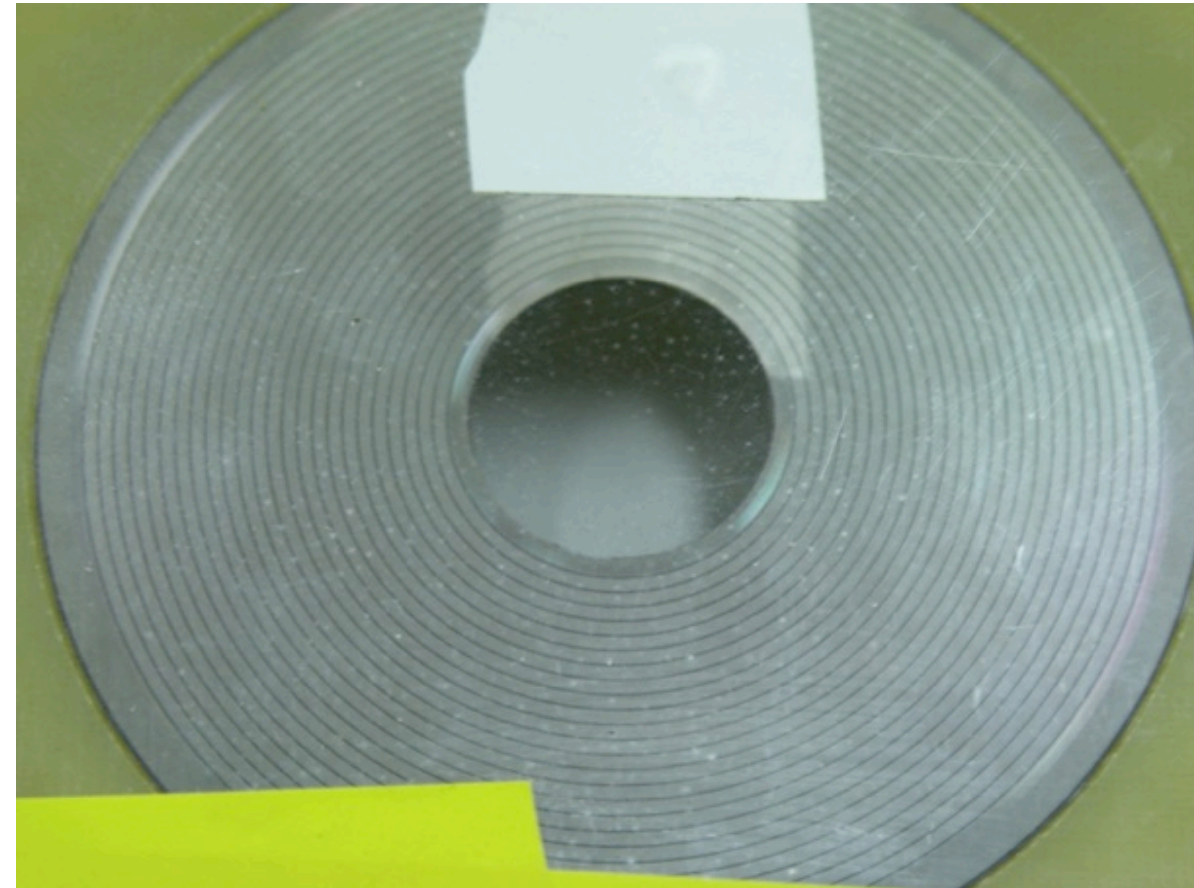
LV supply

HV supply

Vacuum Chamber

- Tested vacuum levels with He detector

- Vacuum levels reached 3 mTorr

- Fernando has installed grounding stud

vacuum chamber

He analyzer

Silicon Detector

To Do

- Test vacuum, check setup (this week)

- Detect source signals (α, β) with detector, check on scope; check noise levels (this week ~ next week)

- Set up fADC readout (Fernando, Beni)

- Mike Dugger will be on-site at the end of March

Longer Term

- Setting up motors, controls (in contact with Hovanes), scalers

- Survey, installation in hall

- Details of readout software, analysis code, monitoring