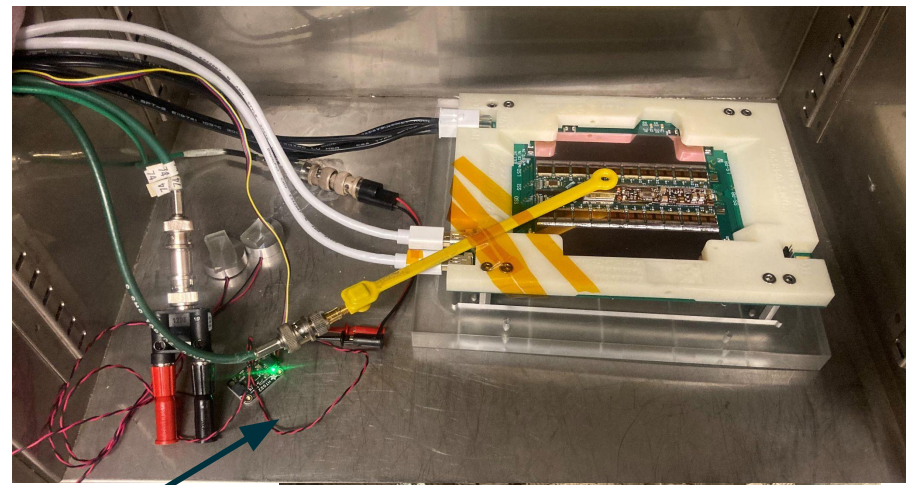


About me (Luc)

- Undergrad at University of Michigan
 - various data science / software internships in industry
 - ~2 years on **MUSE** experiment (w/ **Wolfgang Lorenzon**)
 - ~1.5 years on **ATLAS** (w/ **Ben Nachman**)
 - ~1 year on **sPhenix** (w/ **Christine Aidala**)
- Now at UC Berkeley (really LBNL)
 - Supervised by **Haichen Wang**
 - Lots of stuff, including...
 - Semi-supervised ML search in ATLAS data
 - **Hbb tagging** with GNN, + data augmentation w/ **conditional NF**
 - ITK strips modules: investigating **cold noise (scary)**, other tests
- For WATCHEP:
 - New test beam, via KEK/LBNL collaboration
 - Will give 10x improvement in trigger rate + timing resolution of ITkPixV2 chip (pixels)
 - Me: **add PCIe lanes** and **migrate to a new PCIe protocol**, resulting in ~3x speedup
 - Will lead to some interesting analyses, + more FPGA development for inner tracker



strip module test setup

ISOTDAQ training in istanbul



DOENUT

Department Of Energy North american University Training program