

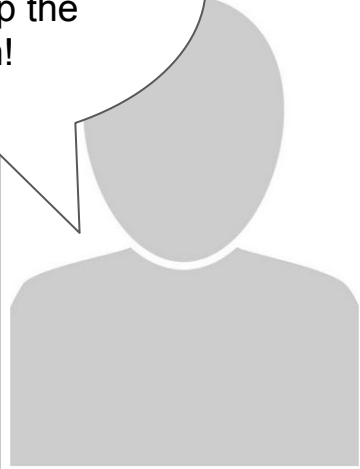
The FAB Five's Guide to Physics by the Seaside

And Other EDIT Adventures



*Please let this
be a normal
field trip!*

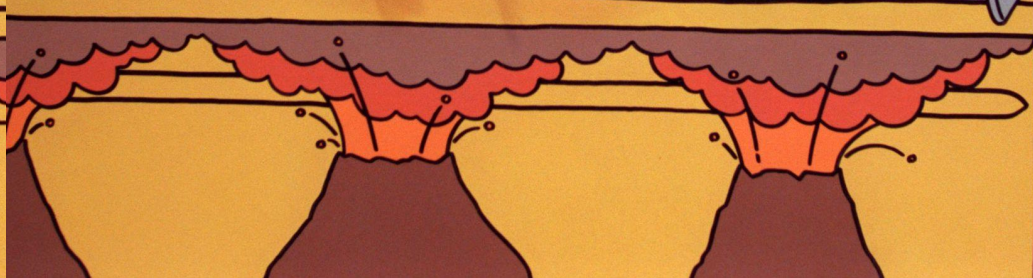
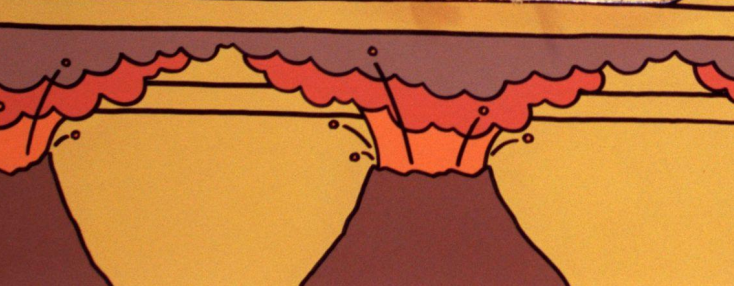
Don't forget your passes! And get ready to slap the house down!



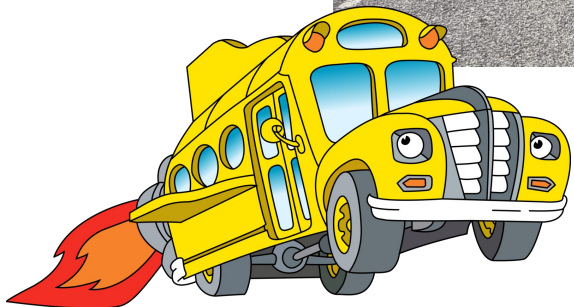
All aboard the magic school bus to Brookhaven National laboratory



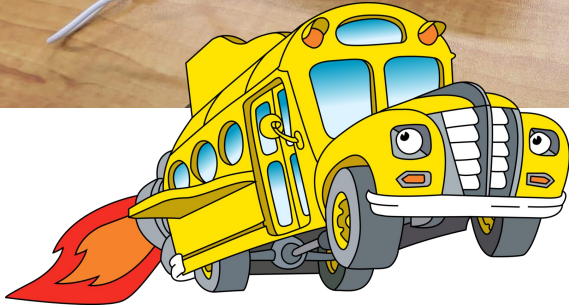
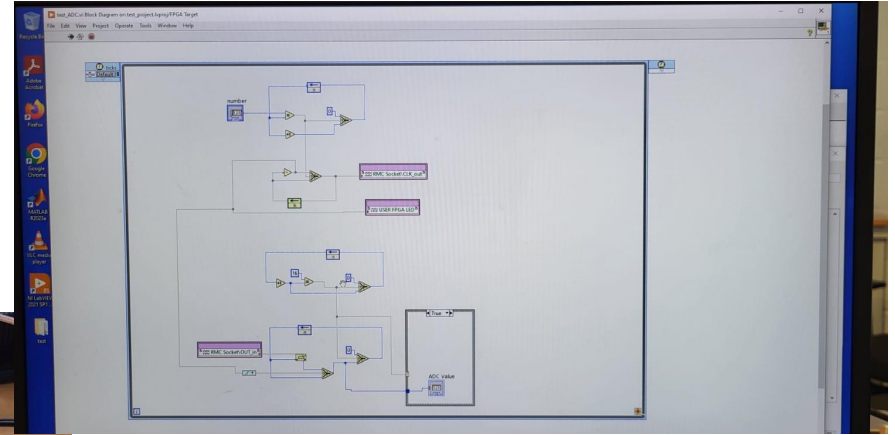
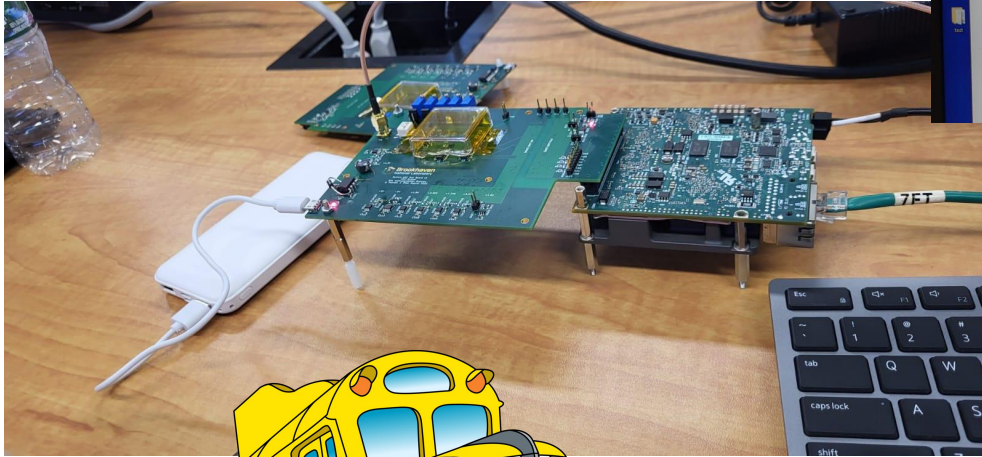
Welcome group 5! We are going on an epic field trip! Here are some of the best bits!



Waiting for all the bureaucracy ...



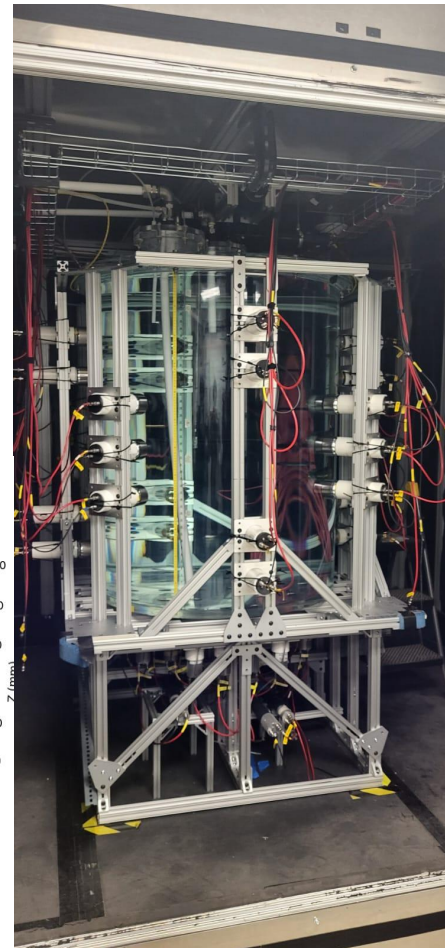
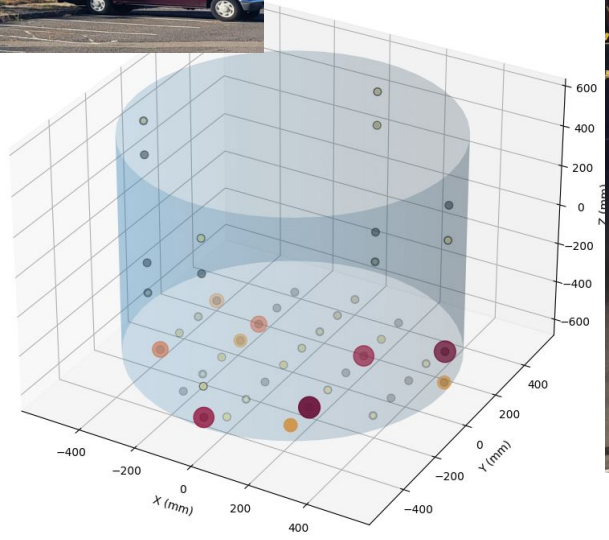
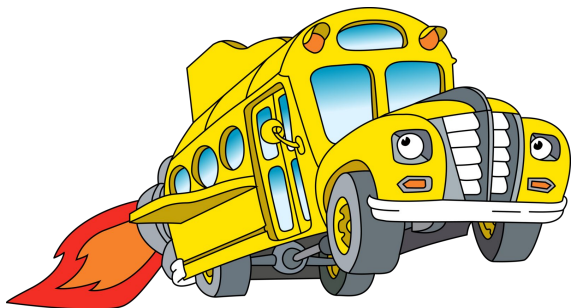
Data Acquisition Systems



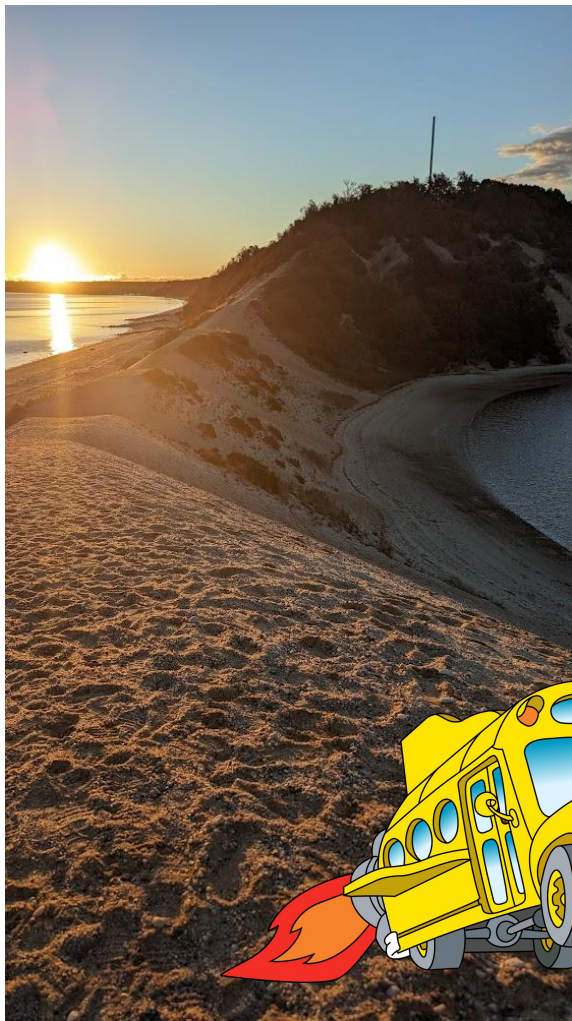
Liquid Argon / Danfords



Liquid scintillators



The mornings...





And the evenings!

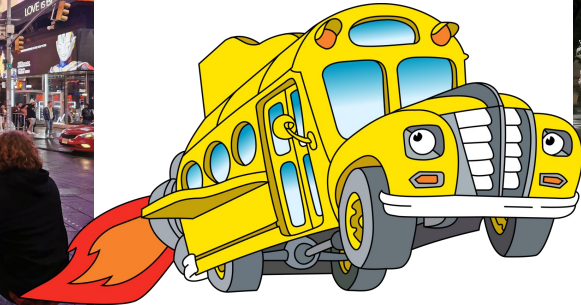
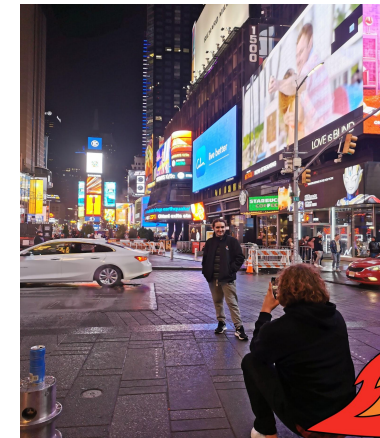


...and the weekend!

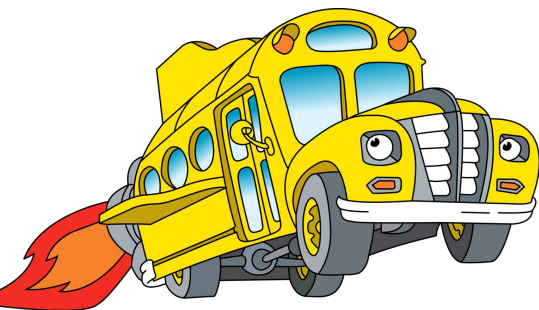
Oyster Fest in Oyster Bay



New York + North Fork



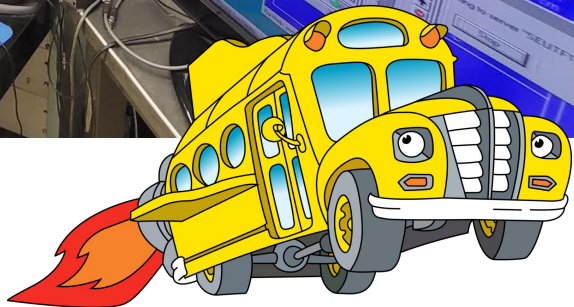
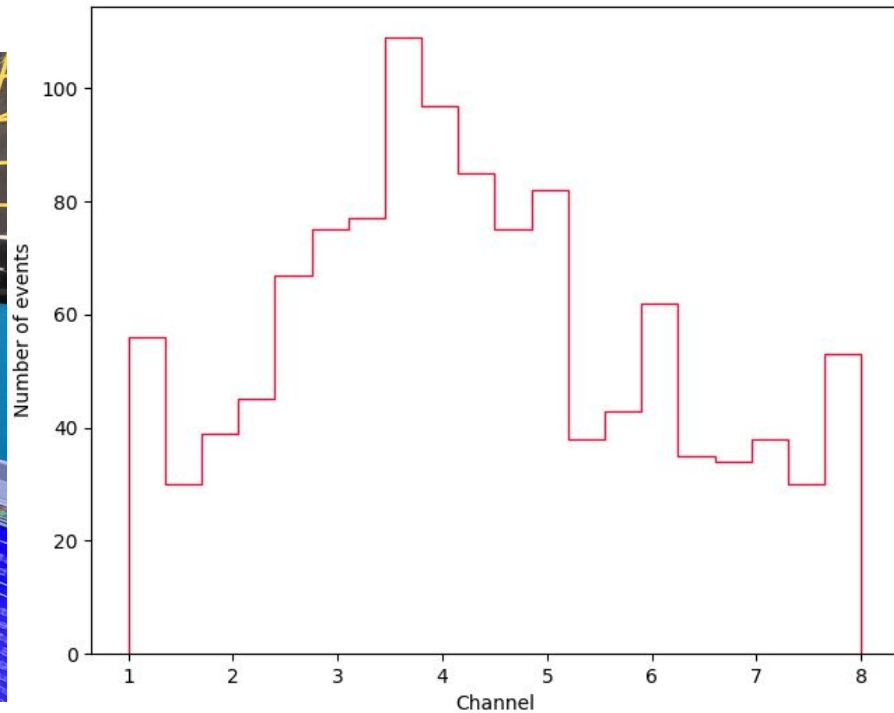
Irradiating a poor silicon sensor :(



Beam testing with the latest technology

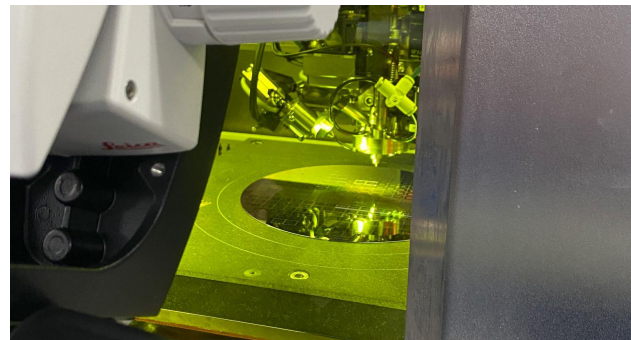
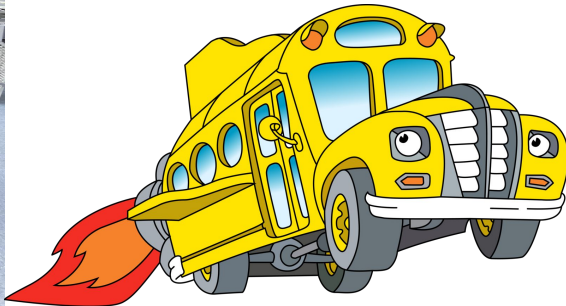
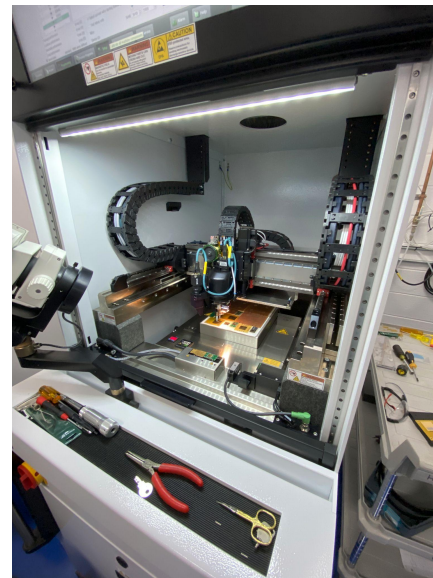
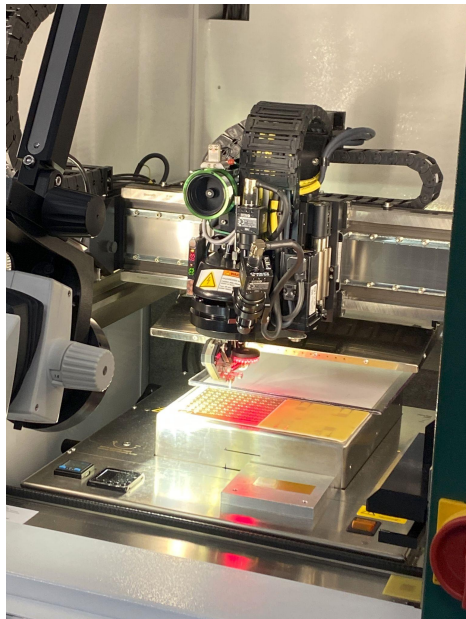


Tried to estimate beam shape...

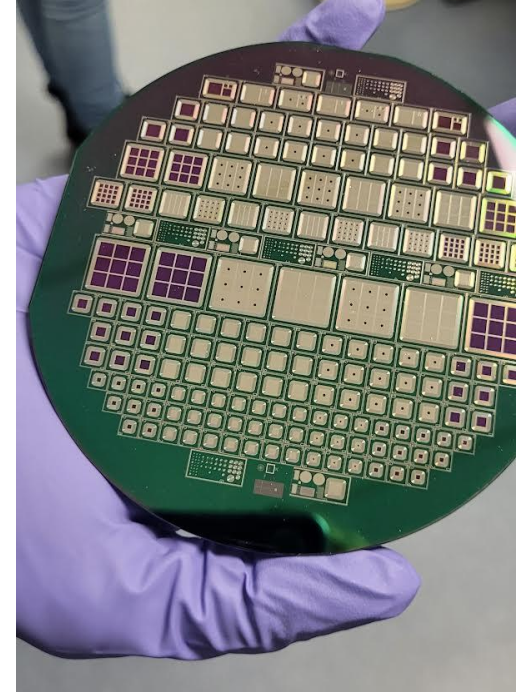
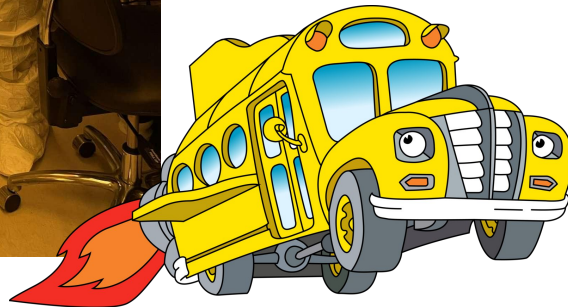


... would be nice to get more than 40min to work on this

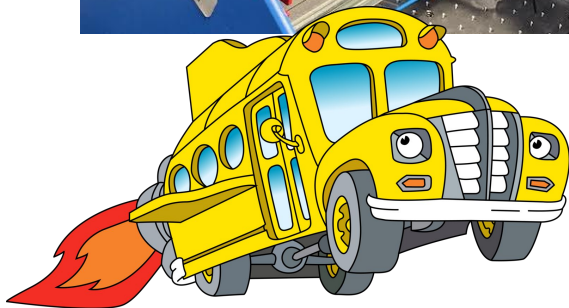
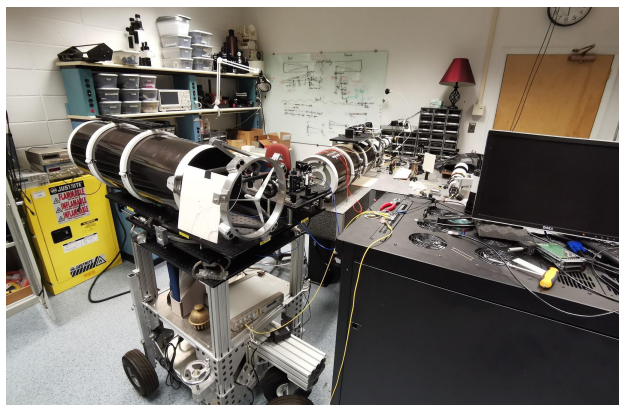
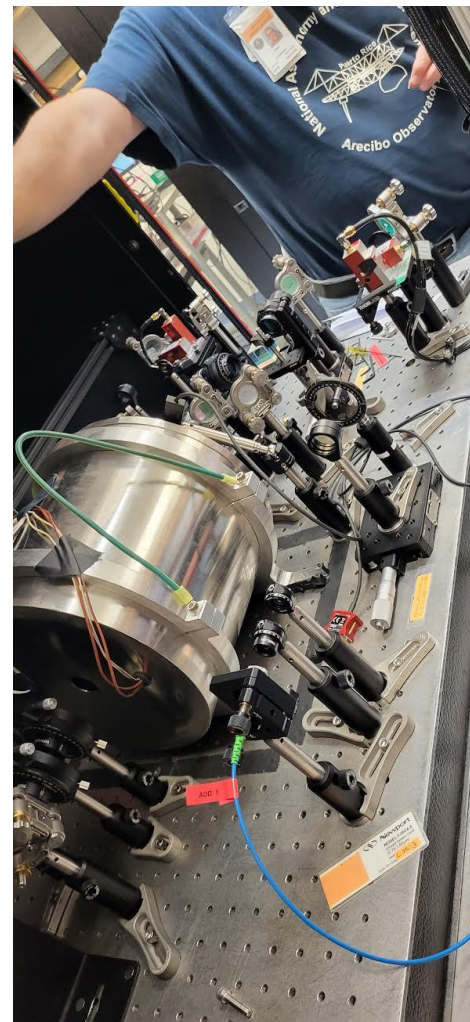
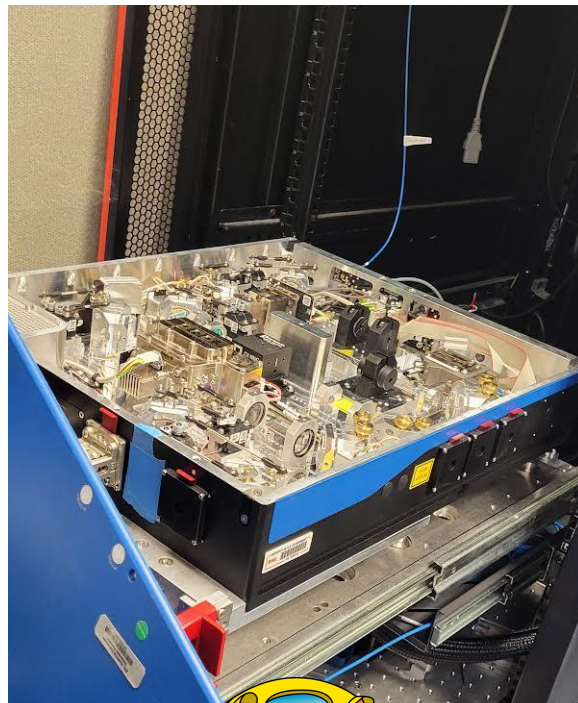
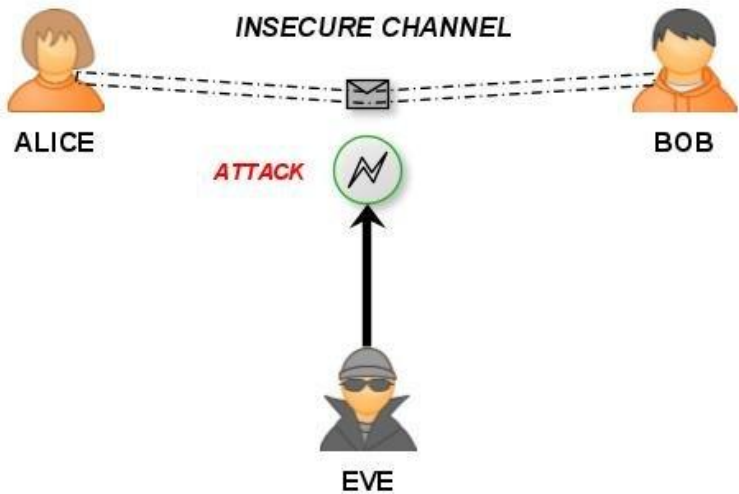
Wire bonding machine



When we are the
biggest threat to the
clean room's
cleanliness, so they
put you in a spacesuit
just in case 🤧

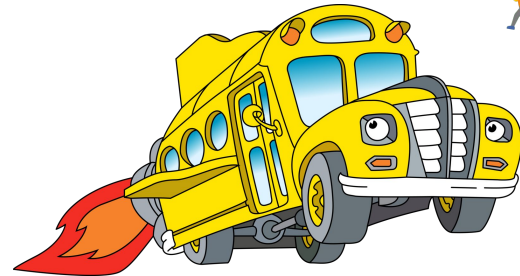


Quantum networks

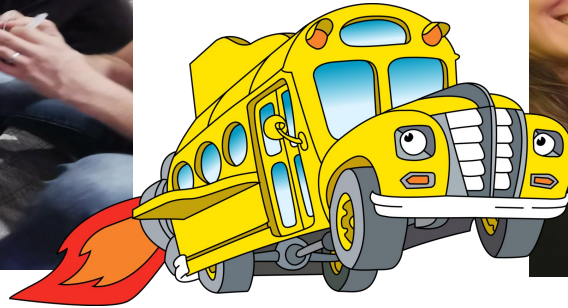


Emoji Review

- Silicon Sensors: Design, Fabrication, and Testing 🤒
- Integrated Electronics for Detector Readouts 🤖
- Data Acquisition Systems for Quick Prototyping of Detectors Readout and an Experiment 🤔
- Liquid Argon Detectors: Physics, Design, and Operation 🧊
- Liquid Scintillators: Properties, Fabrication, and Analysis 🔥
- RF Cosmology: Techniques, Instrumentation, and Data 🤩
- Quantum Network: Concepts, Components, and Capabilities 🤔
- Test beam and Tours 🏃‍♂️ 🏃‍♀️ 🏃‍♂️ 🧠



Social Dinner(s)





We made it!
Thanks for
listening

Brookhaven
National Laboratory



Thank You!

Group 5!!!

