

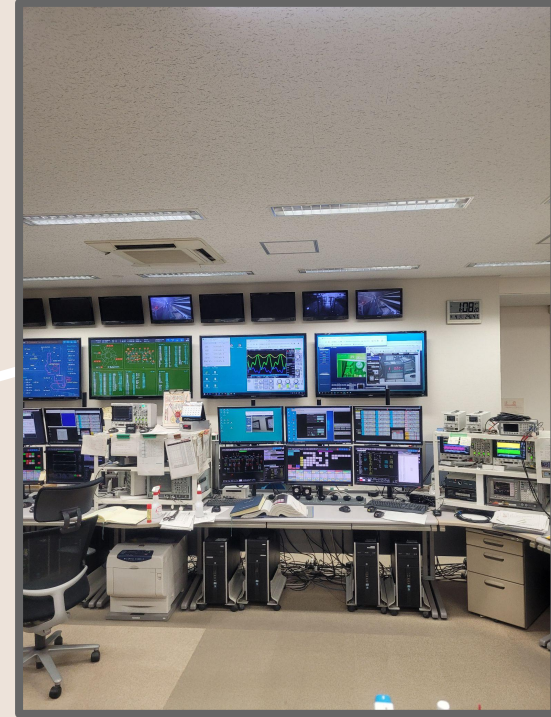
Week 1 Progress Presentation

June 7 2024

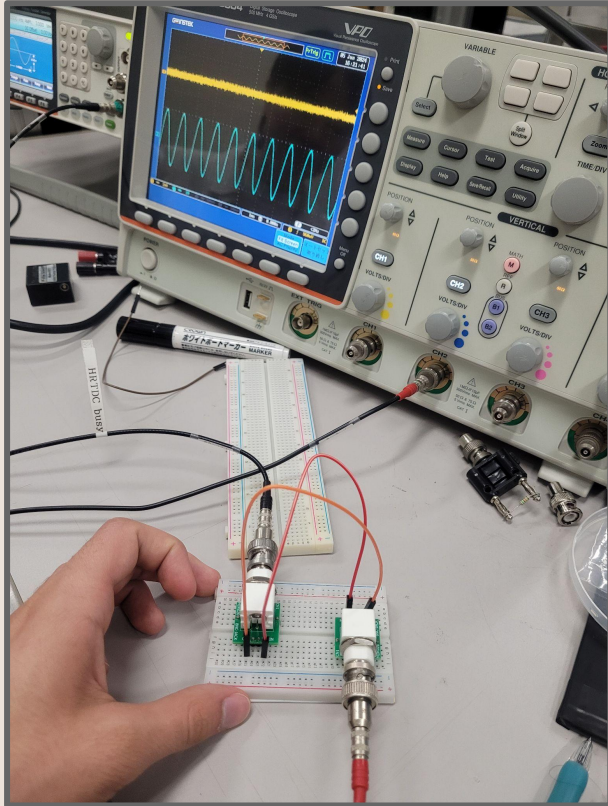
By Vadim D. Murakhovskiy

Day 1

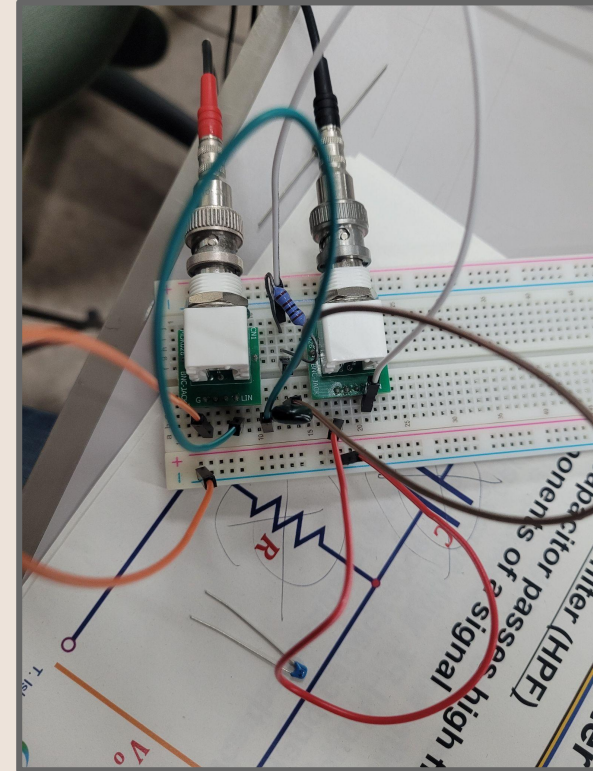
- Toured the Cyclotron Facility
- Registered biometrics
- Introduced to Project



Day 2



- Intro of using the Oscilloscope
- Went over/created High pass and low pass filters
- Basic Intro to Data Acquisition

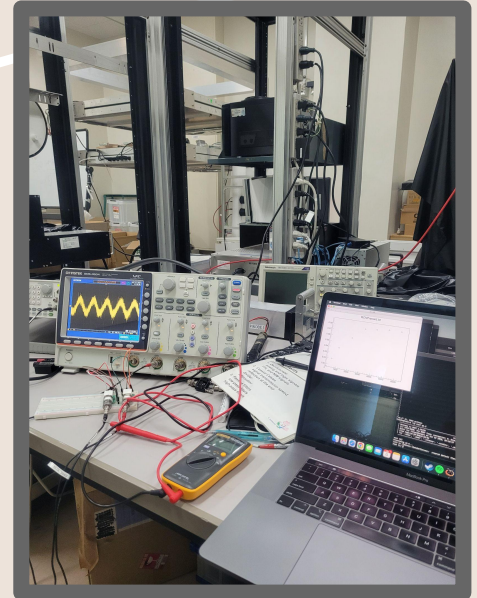
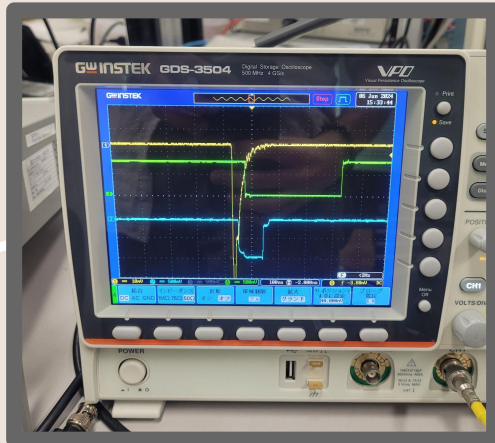
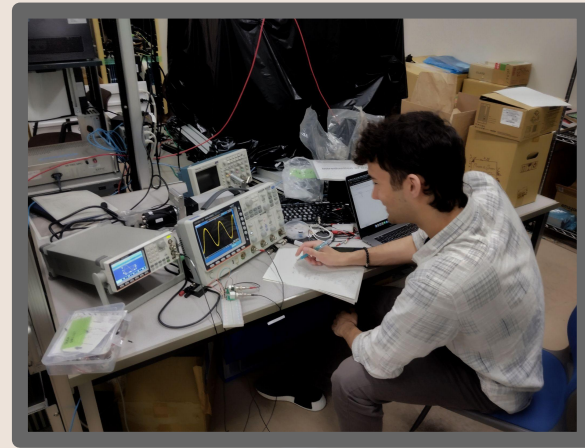


Day 3

Go over Digitization of analogue signal produced using the Arbitrary Function Generator (more covering today)

Recorded sample data from the AFG and VPO on root as well as plotting graph

Registered on the RCNP computing System



Current Plans for Next week

1. Project group expected to be coming back from J-PARC (Japan Proton Accelerator Research Complex) to then work on RICH (Ring-imaging Cherenkov)
2. Go over more of the DAQ process