

Vadim Murakhovskiy
Week 5 July/1-5/2024

Day 1: July/1/2024

—J-PARC Tour—

Day 2: July/2/2024

Today was the first day back from J-PARC. It was quite the experience traveling first to Tokyo then up to the facility. I got to see the Hadron Physics facility which is where my work will hopefully help in installing the light concentrators with the RICH detector. I used most of my time this Tuesday doing more data recording for the finite angle test for the LC (light concentrator). I also worked on my interim report on Wednesday that will have plenty of information about the current state of my testing and simulation.

Day 3: July/3/2024

—Interim Report—

Day 4: July/4/2024

Today I went back to the physical testing and restructured laser setup. This was needed in order to get the most accurate data while measuring data for the upcoming tests. One unique change going forward with these tests is that me and Suzuki-san changed the gate to 170ms, this provides new information that as far as I am aware, is not seen anywhere else. This change is leading to some interesting changes in data, however analyzing the data will have to wait due to time constraints for the tour tomorrow.

Day 5: July/5/2024

—SPring-8 Tour—