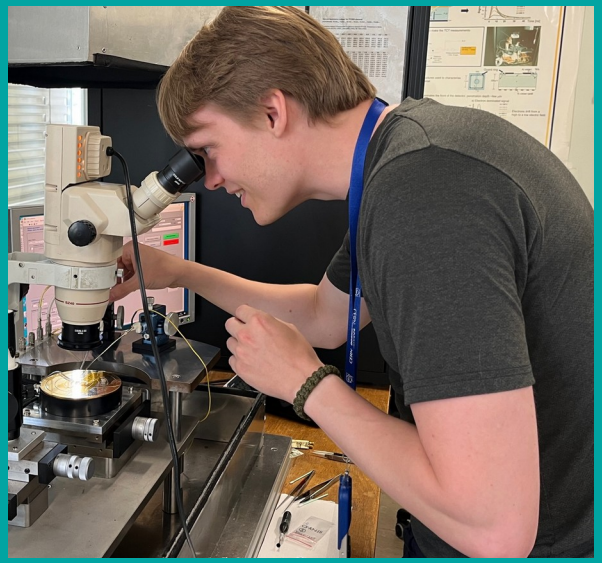
Anton Rindom

EP-CMT

Tell us about yourself and background/studies

- *Aarhus University*
- *Experimental Physics*
- *I'm building a neutron detector for hospitals*

What you have done at CERN?



- *3 month summer student. I was attached to a small group in the CMS collaboration, working on the PPS subdetector.*
- *My project was to investigate a new type of silicon detector, and find out how it would behave when damaged by radiation.*
- *I kept breaking these detectors, but I managed to find a way to break them systematically! I also maybe found a way to prevent them from breaking*
- *To simulate radiation damage in the detectors, I followed the method of other researchers at CERN, but found that the conventional method might not be valid for the physics in PPS.*

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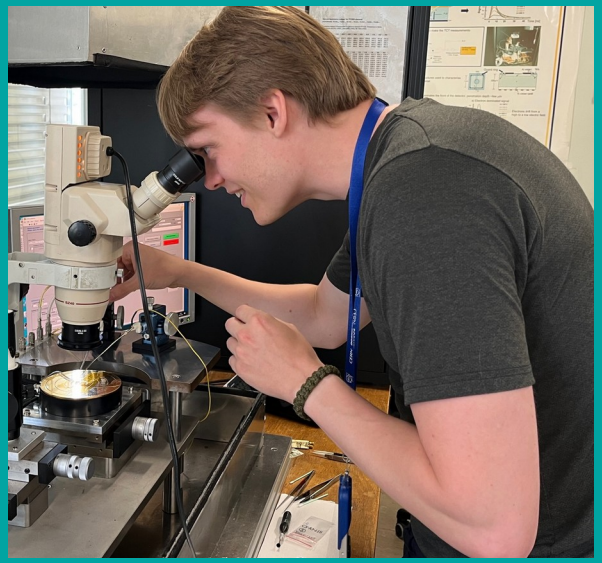
What has coming to CERN taught you?

- *I have learnt almost no actual physics, but I have learnt a lot about how to work with detectors!*
- *I learnt to characterize silicon detectors, how to test their timing performance, how to work during beamtime, and I learnt about radiation damage in detectors and how to measure and simulate it.*

What advice would you give to other students?



- *CERN has experts in basically every field, and they are usually helpful and don't mind talking about their work. Reach out to them if you need help or are curious.*
- *Join a club! There are clubs for everything here, and you will likely meet interesting people from different fields and countries.*

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