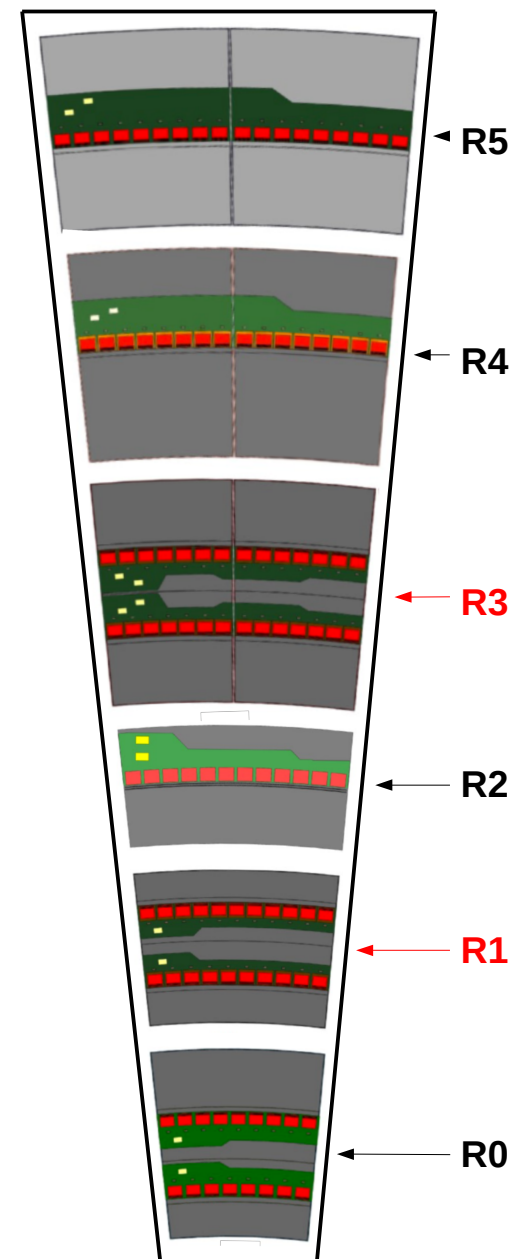
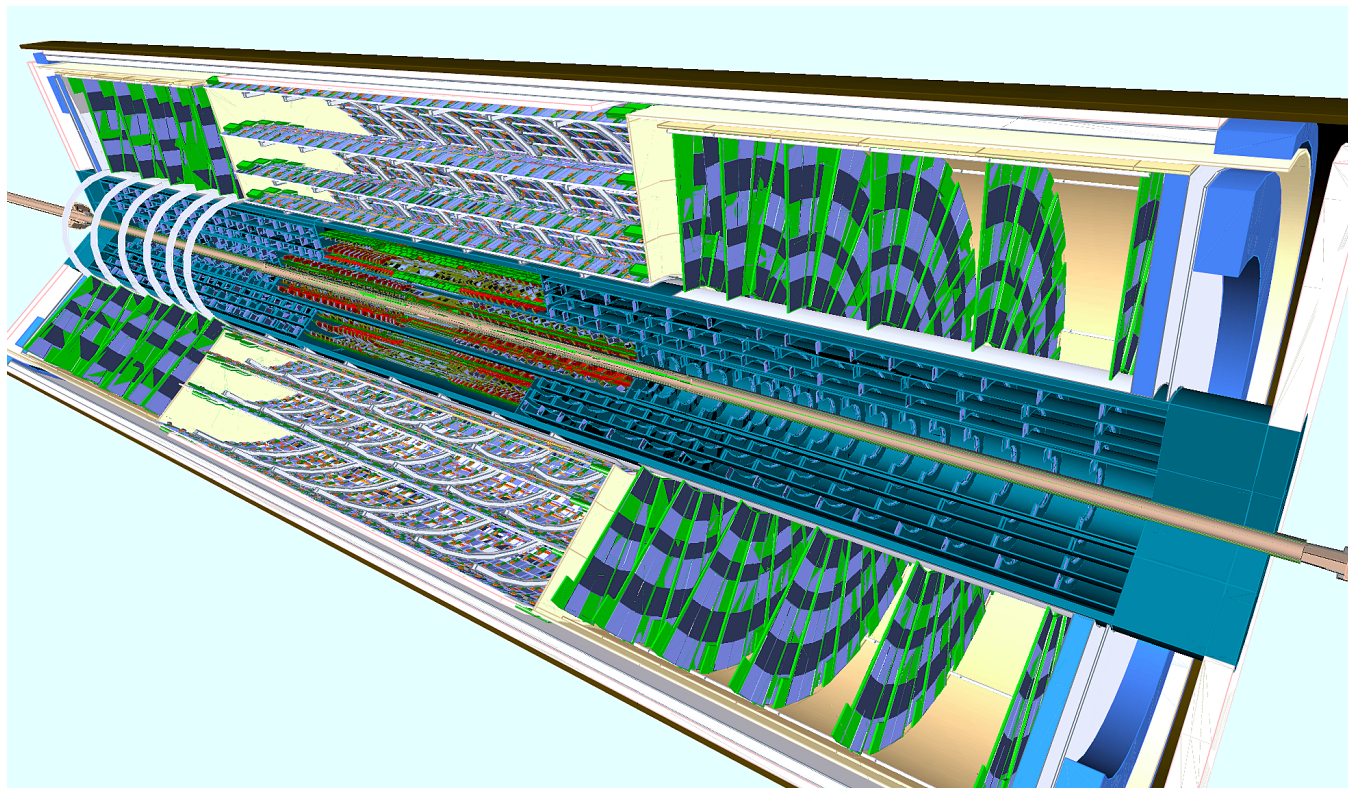


NBI ATLAS Meeting



ITk Strips Project

Scandinavia will build 600 (R1/R3) endcap modules

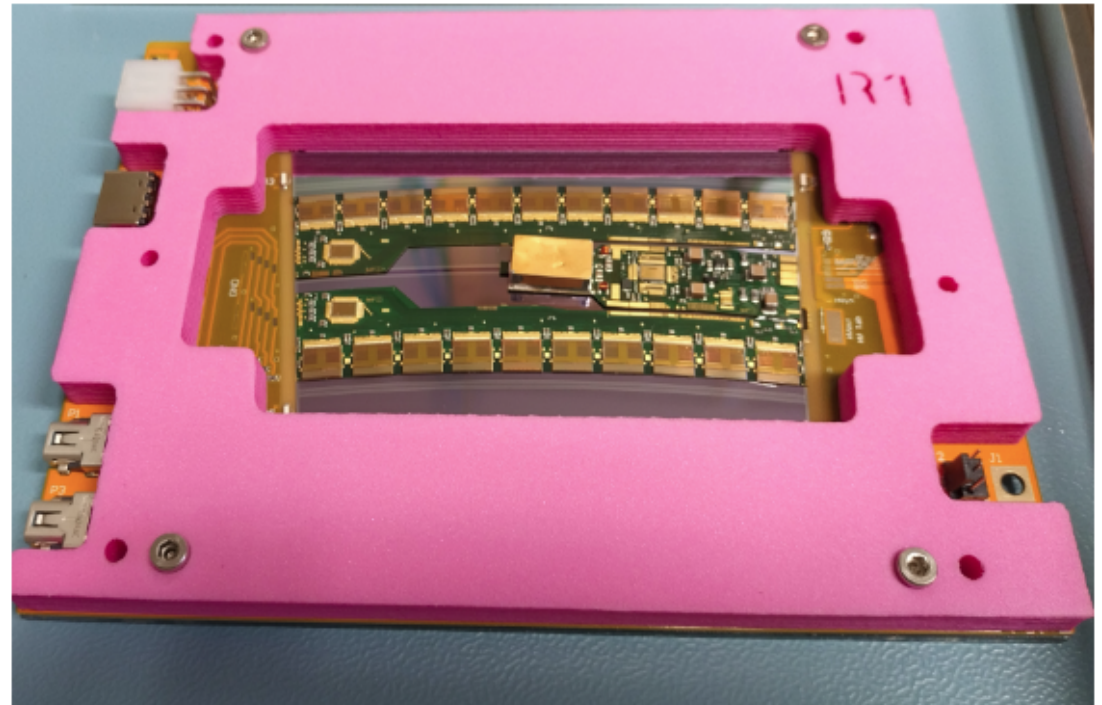
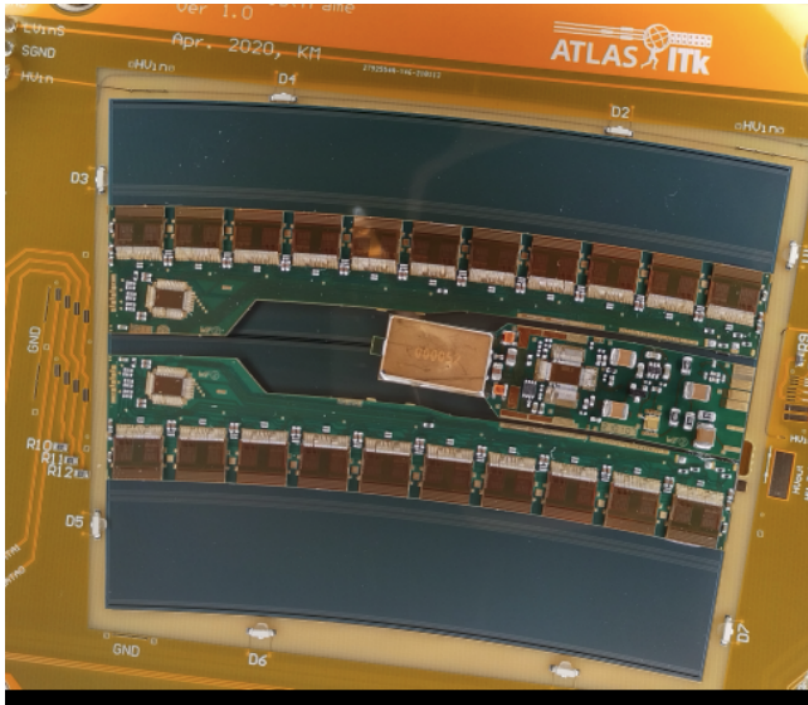


ITk Strip Project Schedule:

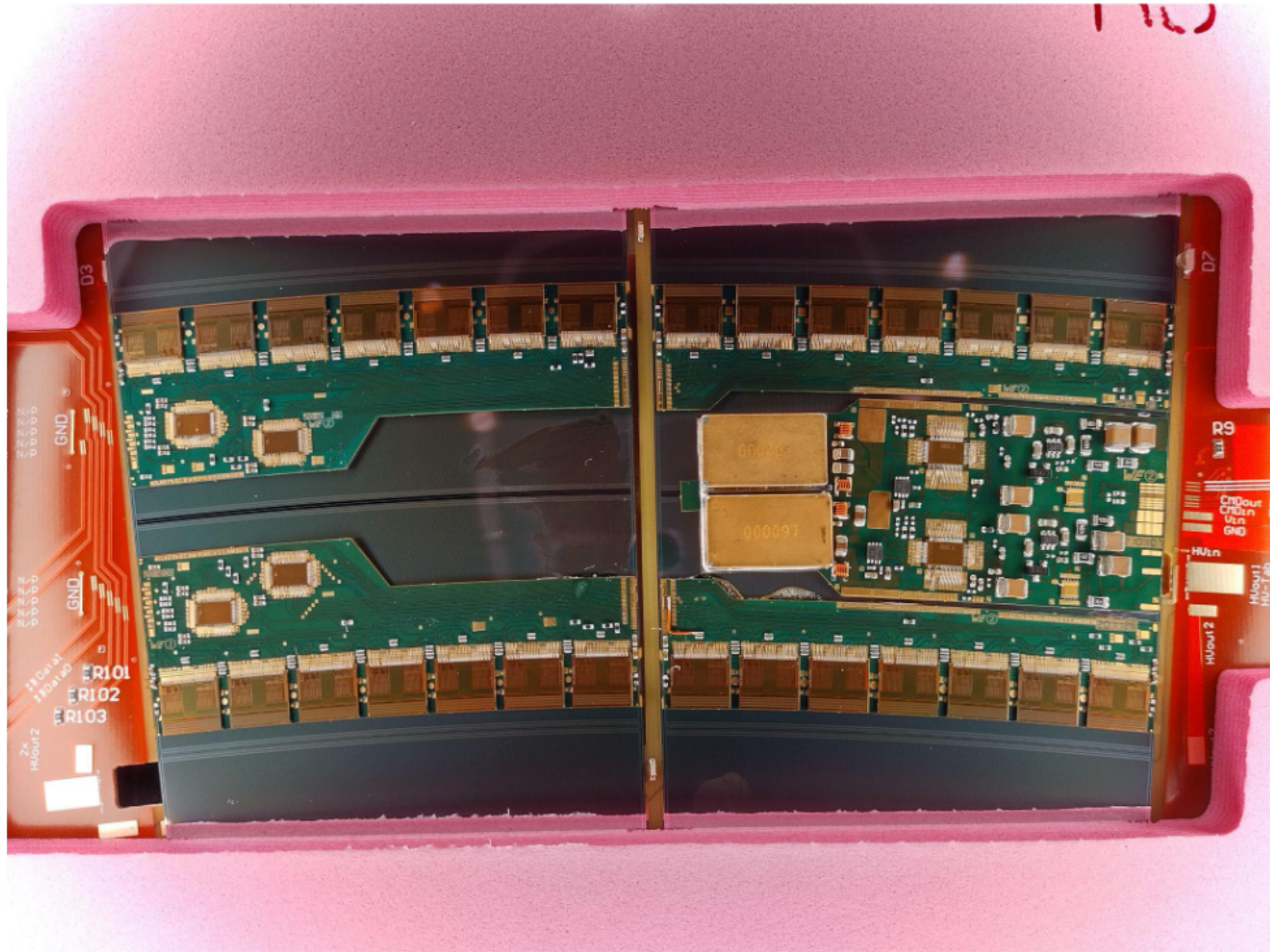
Endcap module pre-production 04/2022 → 02/2023

Endcap module production 03/2023 → 01/2026 (3 years)

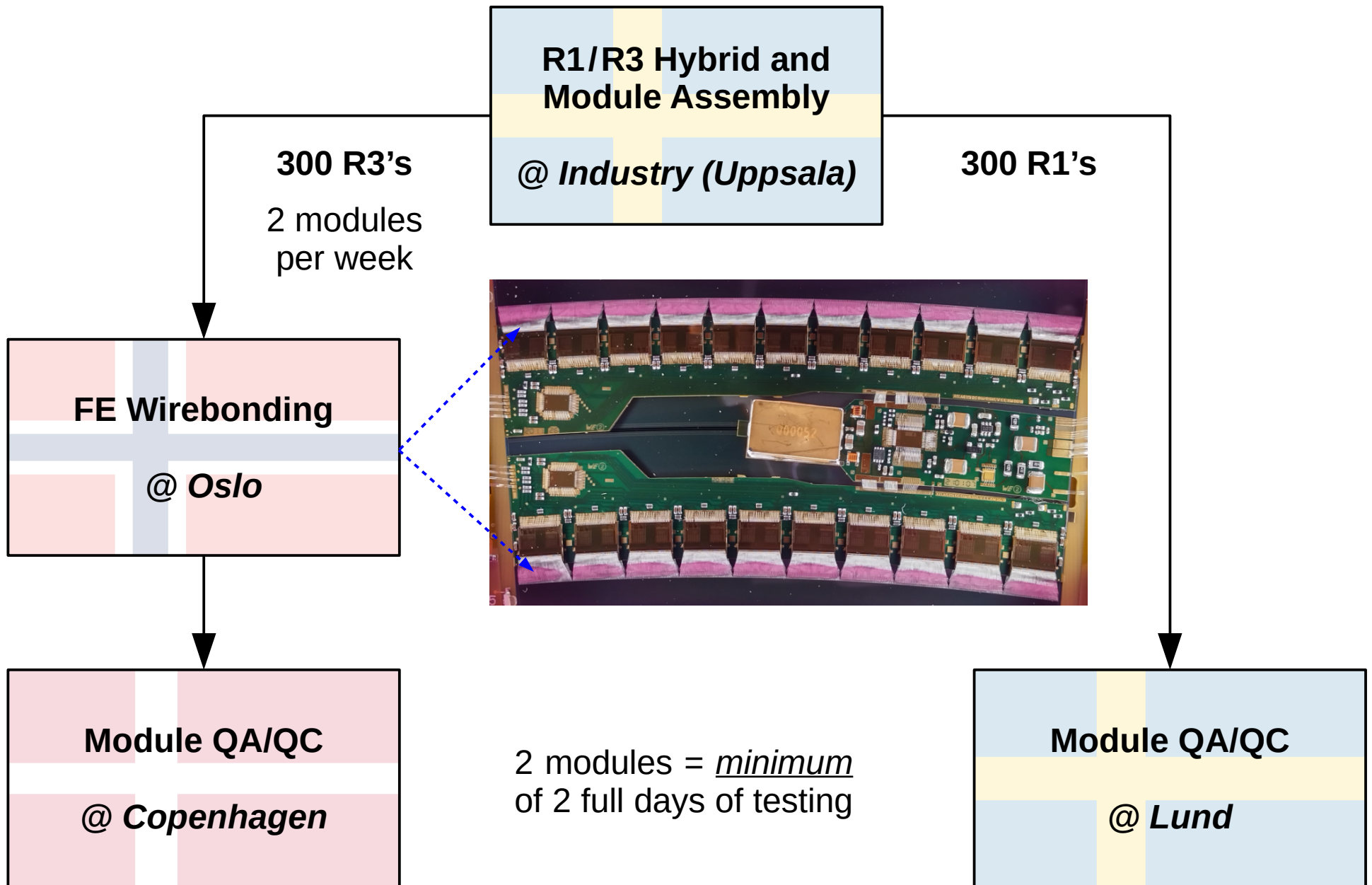
R1 Module Prototype



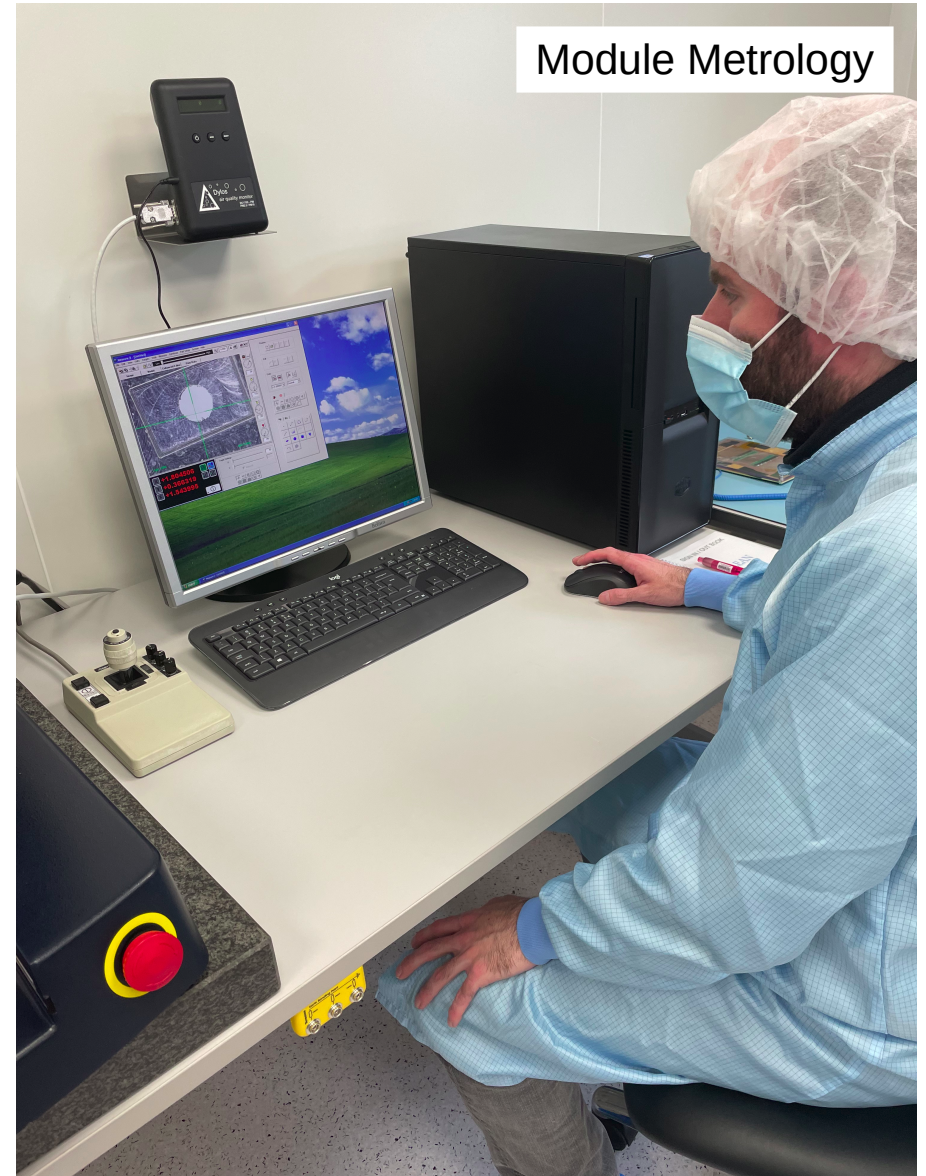
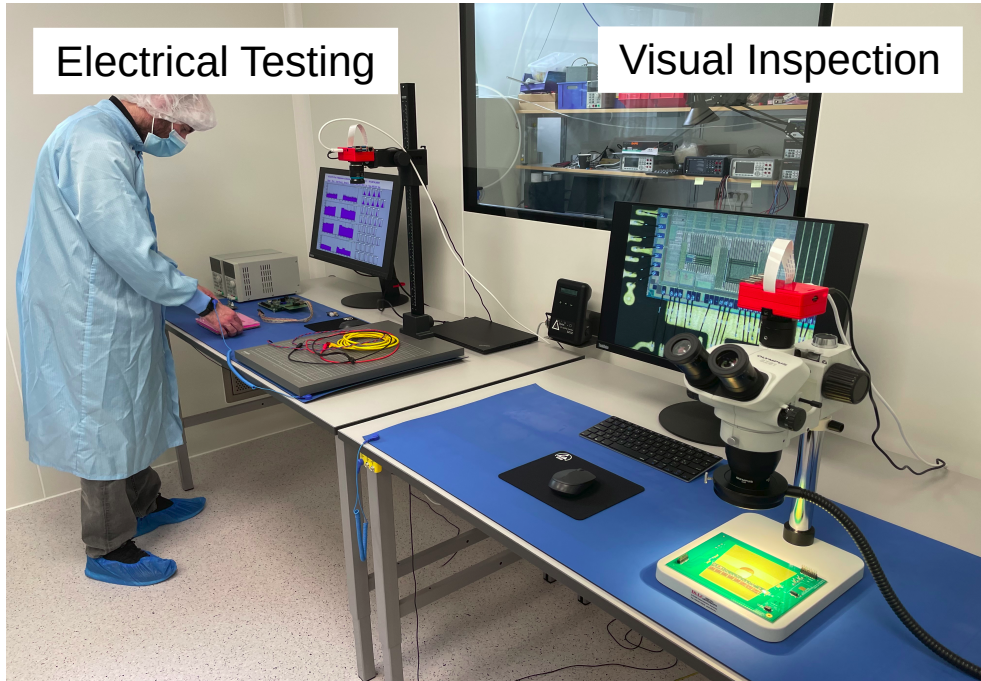
R3 Module Prototype



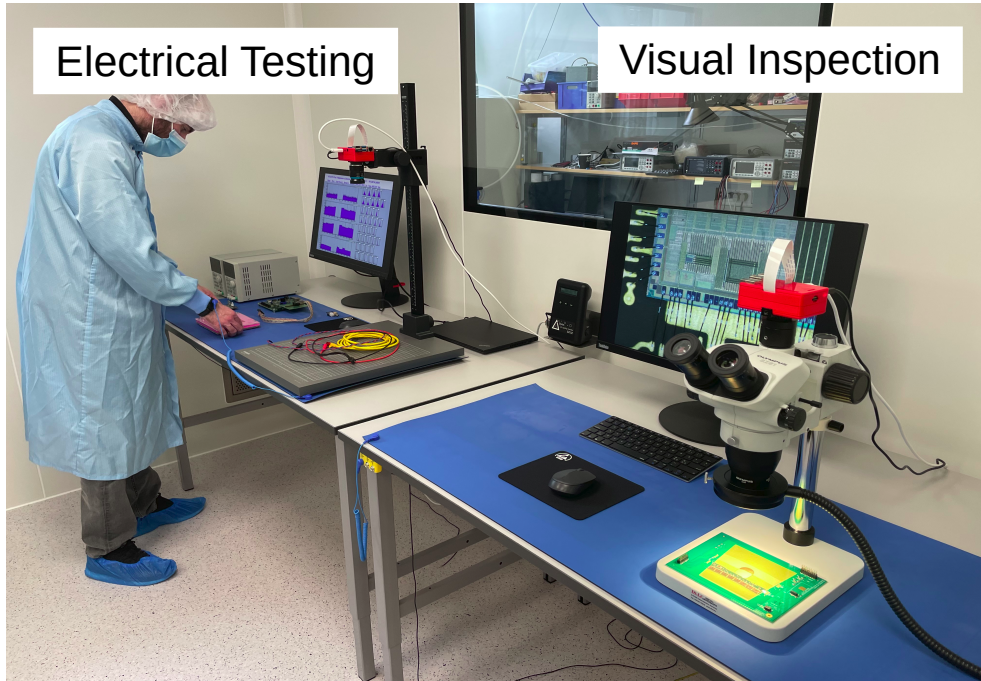
Module Production Plan



Module QA/QC



Module QA/QC



Site Qualification Status

We must qualify as a production site before we're allowed to begin pre-production

Step Number	Qualification Step	Status	Ready for Review?	Site	Env	Review Status
11.1	Storage of modules	Qualification Ready	Yes	h		Passed
11.9	Visual inspection: modules	Qualification Ready	Yes	h	h	Passed
11.10	Module Thermal Cycling	Requires Setup	No			Not Reviewed
11.11	Single module Electrical Tests	Requires Parts	No			Not Reviewed
12.1	Shipping modules	Qualification Ready	Yes	h	h	Under Review
13.1	Cleanroom standards	Review Docs Incomplete	No			Not Reviewed
13.2	ASIC Compliance & Handling	Qualification Ready	Yes	h		Passed
14.1	Module Reception	Requires Parts	No			Not Reviewed

So far we've qualified for **3** out of **8** steps

Of the **5** remaining steps...

2 (*Shipping Modules, Cleanroom Standards*) are almost done

3 (*Module Reception, Single Module Electrical Tests, Module Thermal Cycling*) require parts

Plans for the Coming Year(s)

2022	<p>Persons: Me, Workshop (Anders/Rene) FTE: 1.0</p> <ul style="list-style-type: none">• September: Expect to receive first prototype module.• October: Aim to be fully qualified.• December: Expect to receive first pre-production module.** <p><i>** Depends when our industrial partner & Uppsala qualifies.</i></p>
2023	<p>Persons: Me, Workshop (Anders/Rene) FTE: 1.2</p> <ul style="list-style-type: none">• February: Finish pre-production• March: Start production• March: Begin to train other group members (?)
2024	<p>Persons: Me, Other group members FTE: 0.4</p> <ul style="list-style-type: none">• Continue production
2025	<p>Persons: Me, Other group members FTE: 0.4</p> <ul style="list-style-type: none">• Continue production

Want to Get Involved?

Even just 1 hour per week would already be useful

Later this year I will create (and share) a how-to guide for module testing

Let me know if you're interested

The screenshot displays the ATLAS ITk Production Database interface. The top navigation bar includes the text "ATLAS ITk Production Database" and a "Test" button. On the right, a user profile for "Craig Wiglesworth" is shown next to a "+2U" button. A blue sidebar on the left contains navigation links: "Dashboard", "My Components", "My Test Results", "My Batches", "My Institute Components", "Components", "Test Results", "Batches", "Component Types", and "Test Types". The main content area is titled "Institute Details" and shows "Show details of selected Institute of the Inner Tracker." Below this, the "NBI" (Niels Bohr Institute) is selected. The "Basic Properties" section lists: STREET: Blegdamsvej 17, CITY: København, ZIP CODE: 2100, STATE, COUNTRY: Denmark. A "Users" section at the bottom is highlighted with a red box, showing "Craig Wiglesworth" with "Authority" and "Executive" roles. To the right of the properties is a Google Map of the location. A "Request Robot Account" button is located at the bottom right of the interface.