

Megacell testing

VD - Module 0

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WG for megacell testing at CERN

- Fix a time slot for a weekly meeting
- Converge on a testing procedure
- Converge on the setup configuration to be installed at EHN1
- Taking care of the setup installation
- Find people to cover the full period of testing at CERN

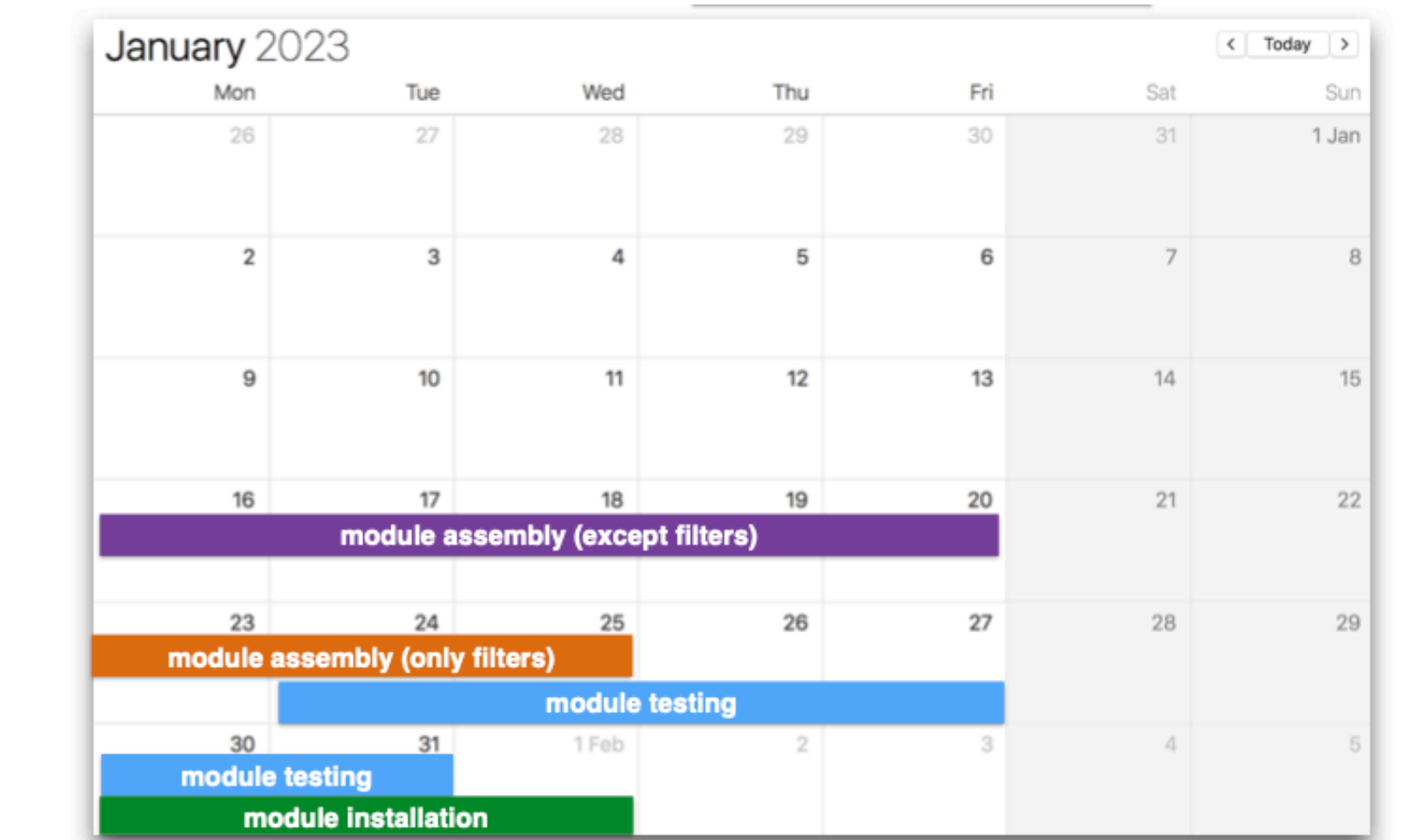
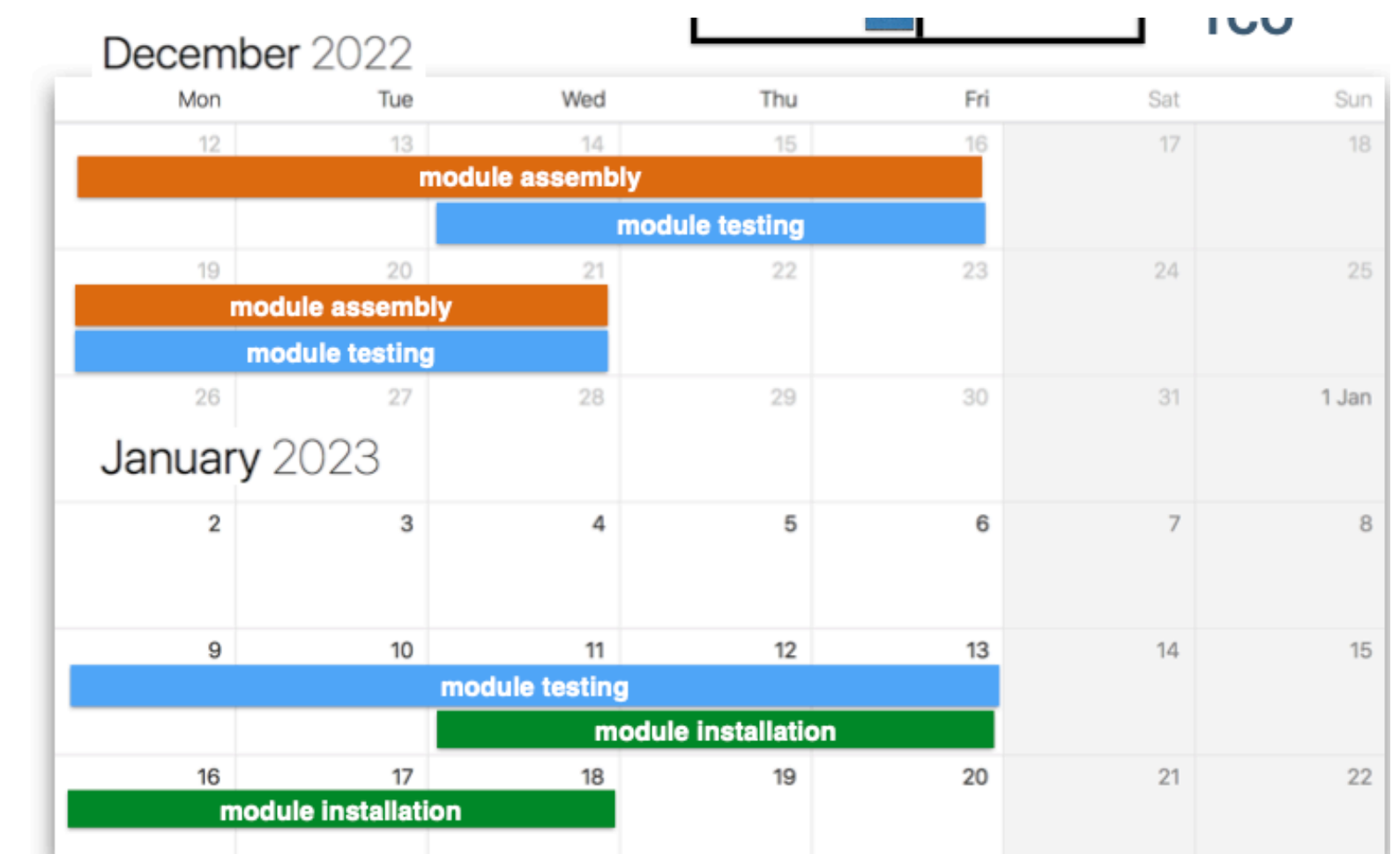
Time schedule:

We have a very tight schedule for assembly, testing and installing the PD modules:

- 16 mega cells, 12 of them before the end of January
- The tightest period is on the end of January

Assuming all the megacell tests go smooth, we need to be able to complete a full cycle in one day 8-12 hours:

- Prepare the megacell on the holder
- Fill the dewar
- Submerge the megacell
- Take measurements
- Extract the megacell
- Warming up
- Disinstall from the holder



Critical steps:

A 300 L ranger will be filled outside and transported with the crane to that area, where we will have the dewar.

- Crain people are no available anytime
- Are 300L enough to fill an empty dewar (cool down).

We should have a solution where the Argon is not lost every cycle.

This test is bad for the dichroic filters.

The main aim of the test is to check the electronics, so no needs to have the dichroic filters.

We can use spare ones in case we want to protect the internal bars.