

# Computing Tutorial Intake Survey

31 responses

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**Your name**

31 responses

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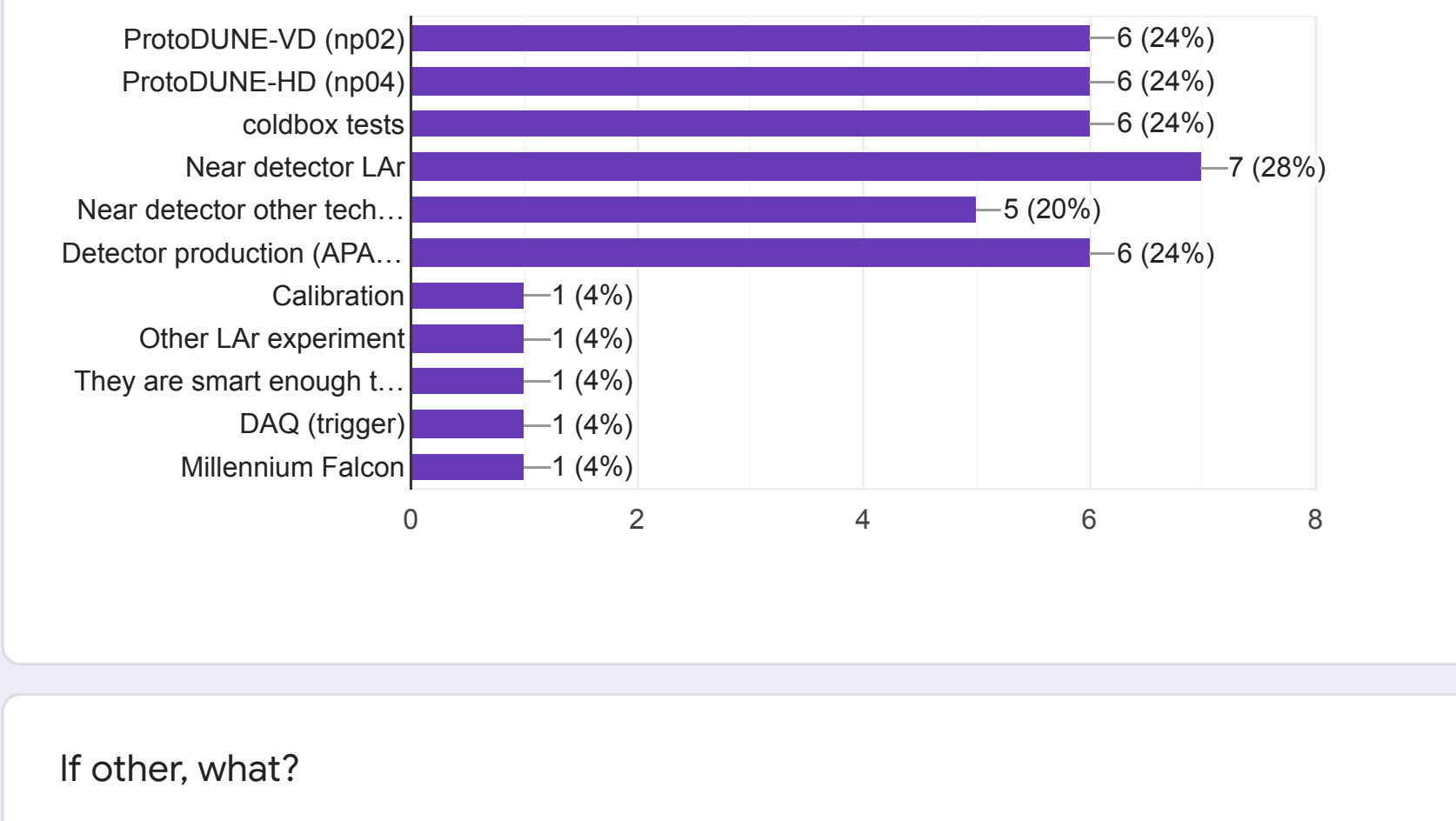
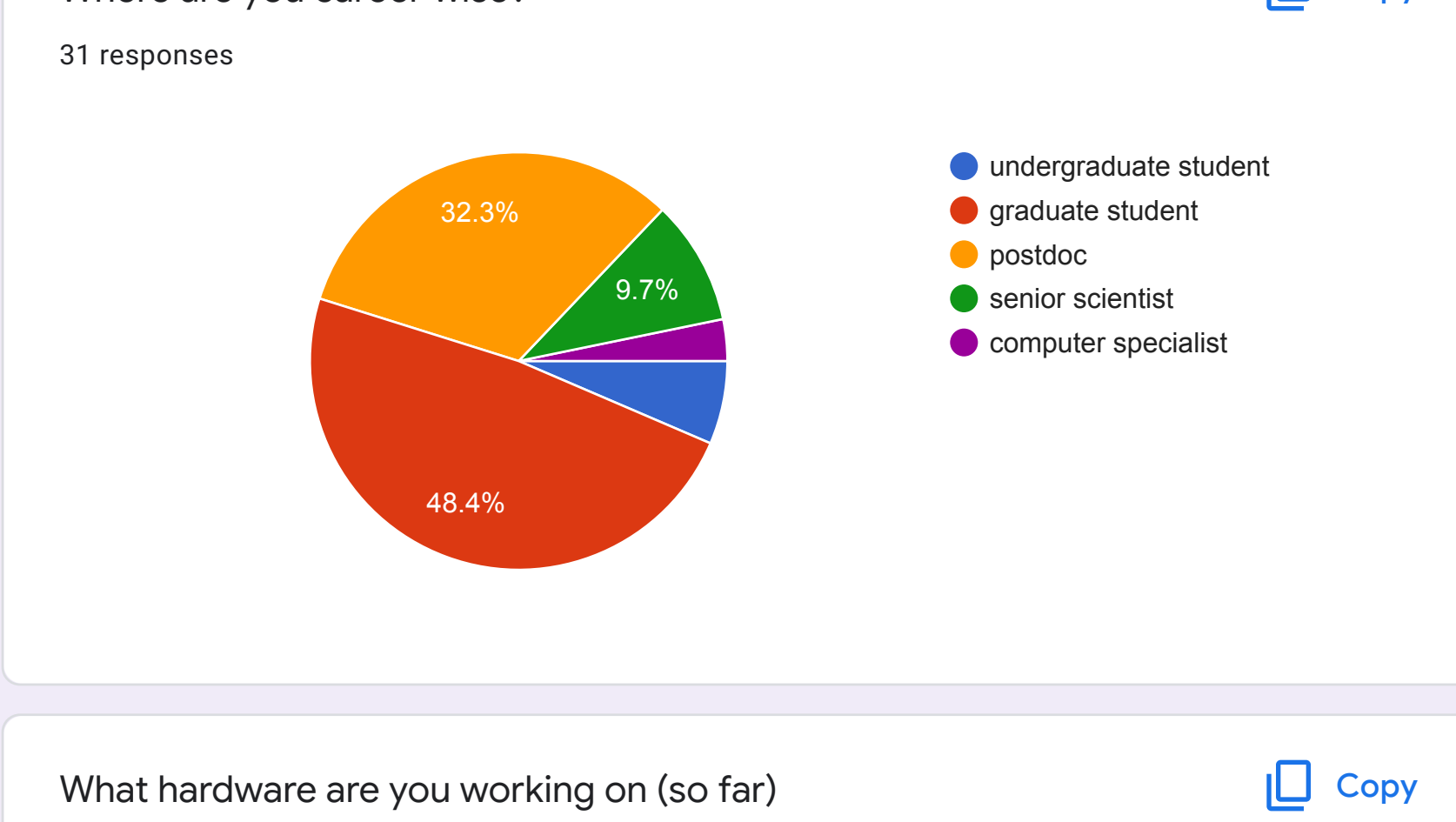
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**If other, what?**

7 responses

DUNE-DAQ, specifically trigger

STT-SAND

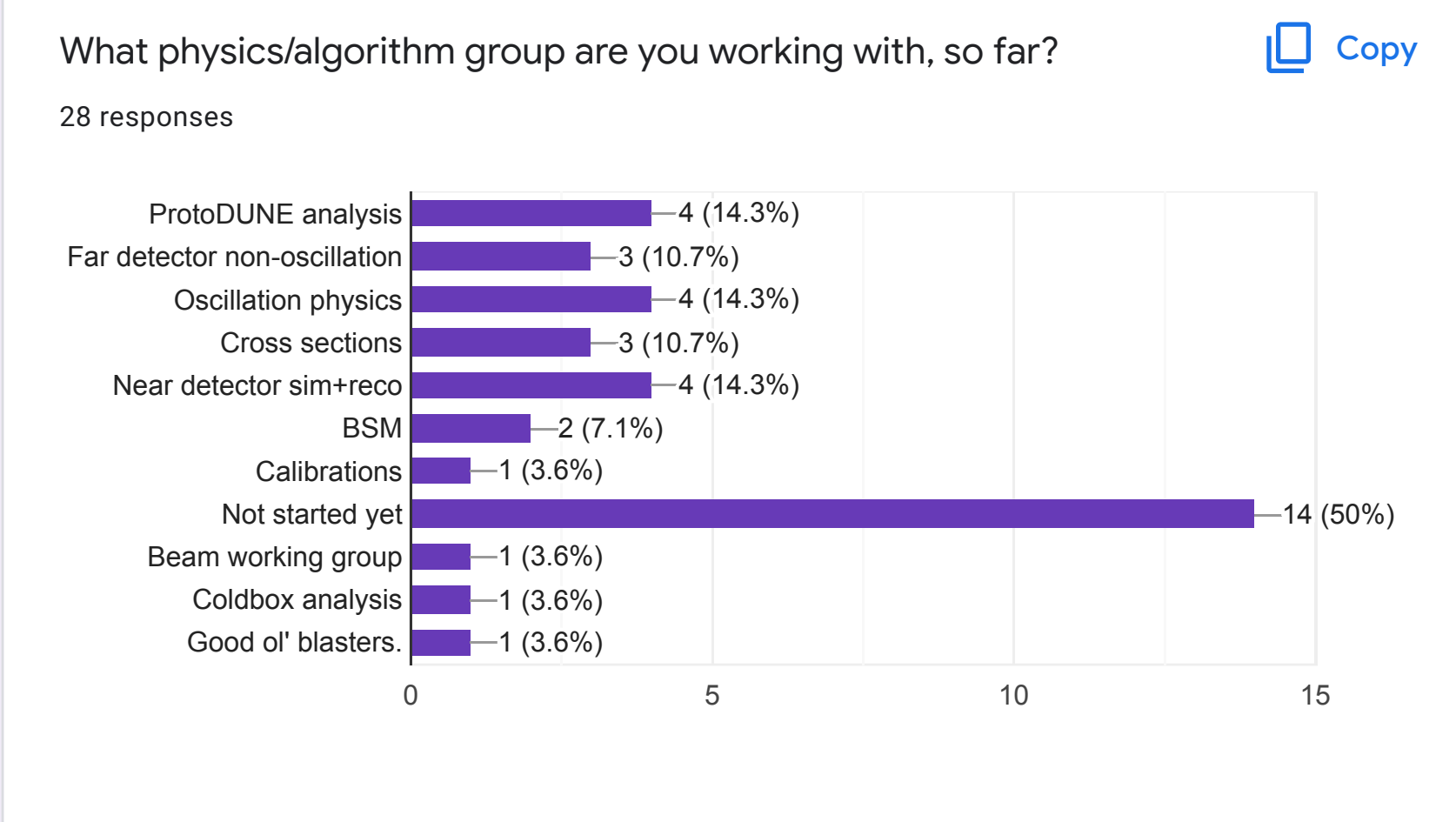
I joined DUNE in March and will work on ProtoDune and NDLAr in summer.

None, really.

SAND straw tube tracker

Far detector vertical drift LAr.

There was already a space to say Millennium Falcon.



**If other, what?**

5 responses

Beam optimization

I joined DUNE in March and will work on ProtoDune and NDLAr in summer.

Far detector photon simulation.

G4LBNF Beam Simulation, PPFx for DUNE

Already said blasters.

**I've also worked on the following other experiments doing X...**

12 responses

You don't want to read all that.

Beam dynamics study for g-2

SN0+: Supernova burst detection, SN burst reconstruction and analysis, Calibrations, Data flow and processing

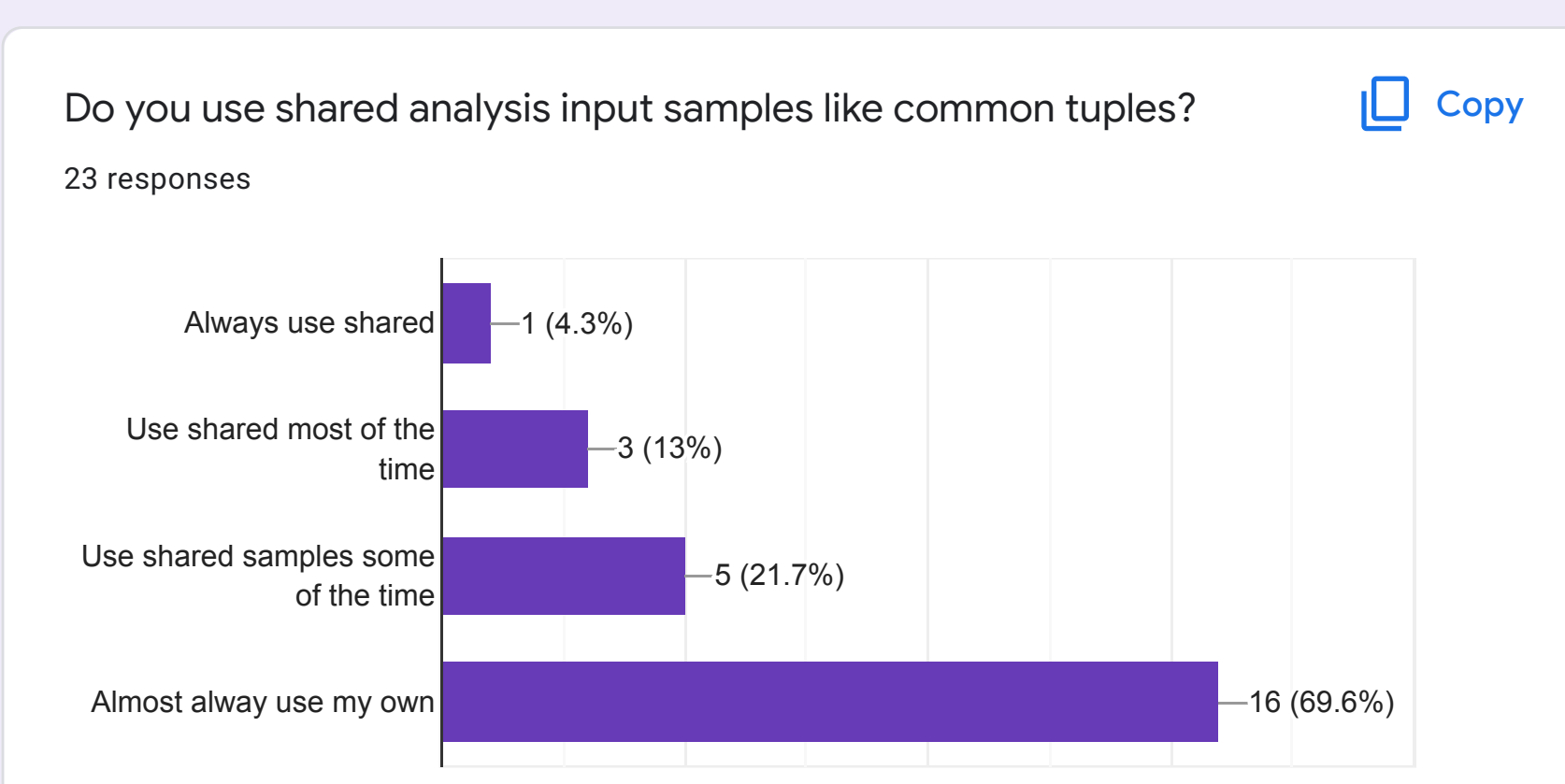
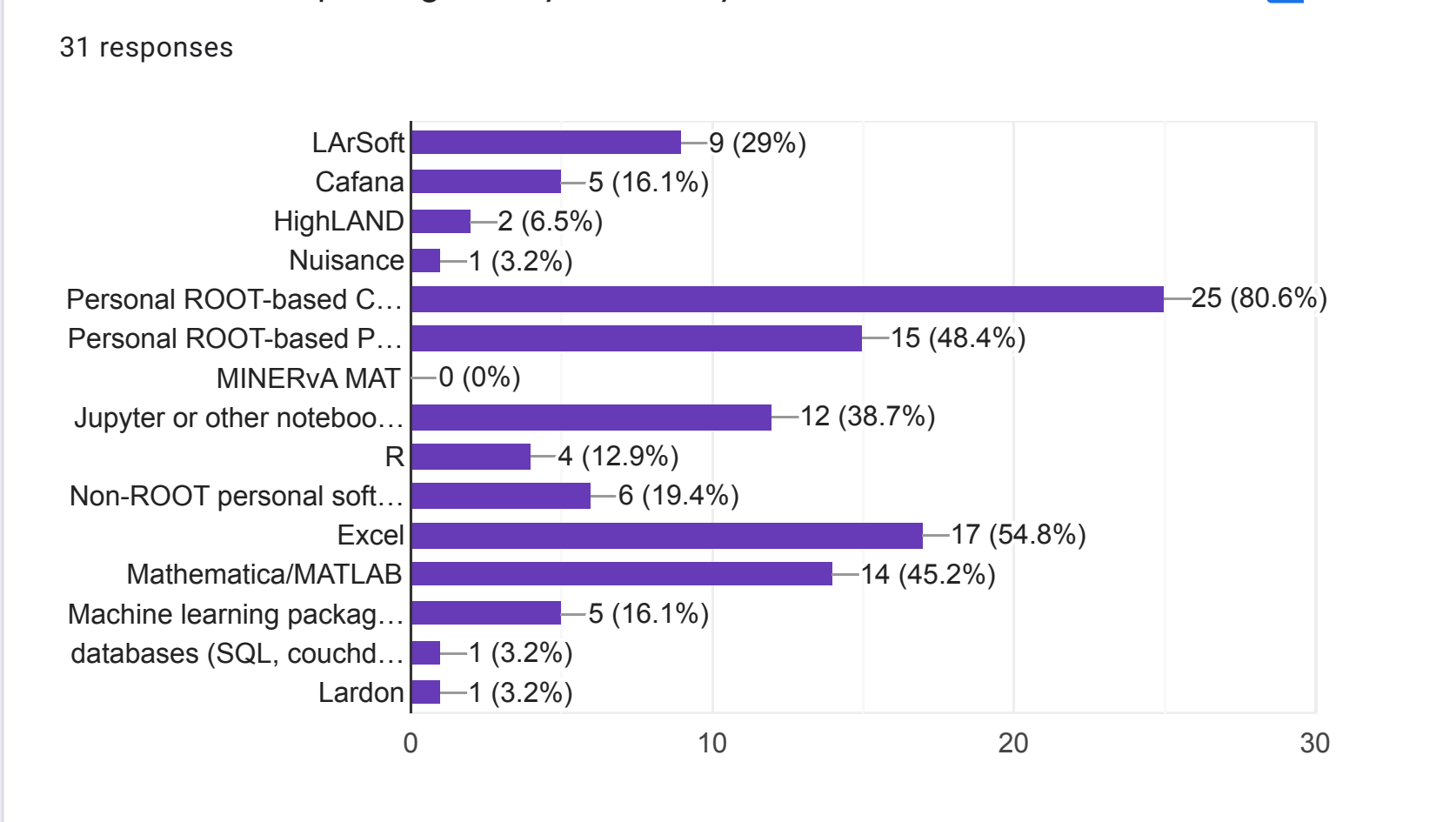
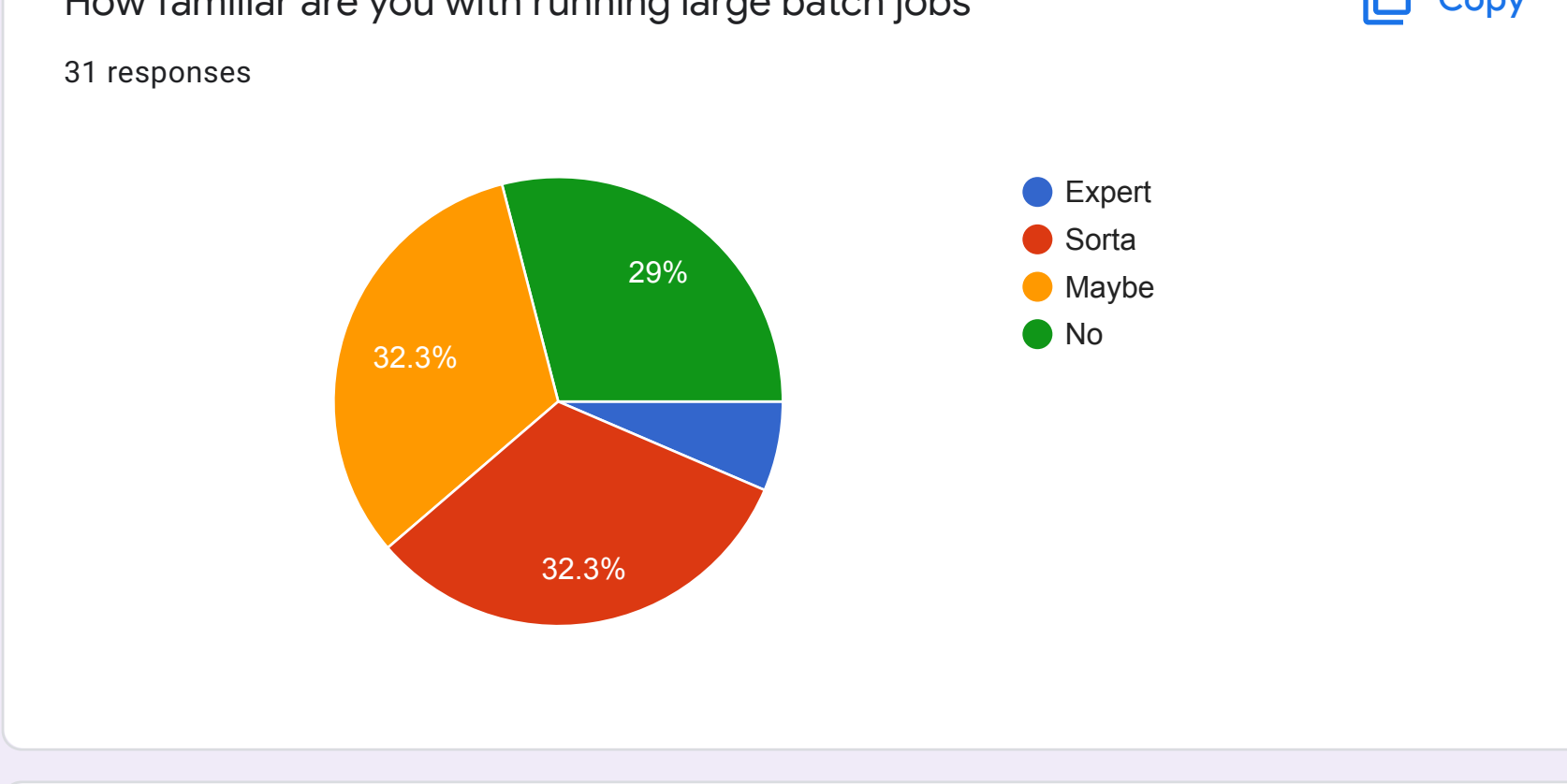
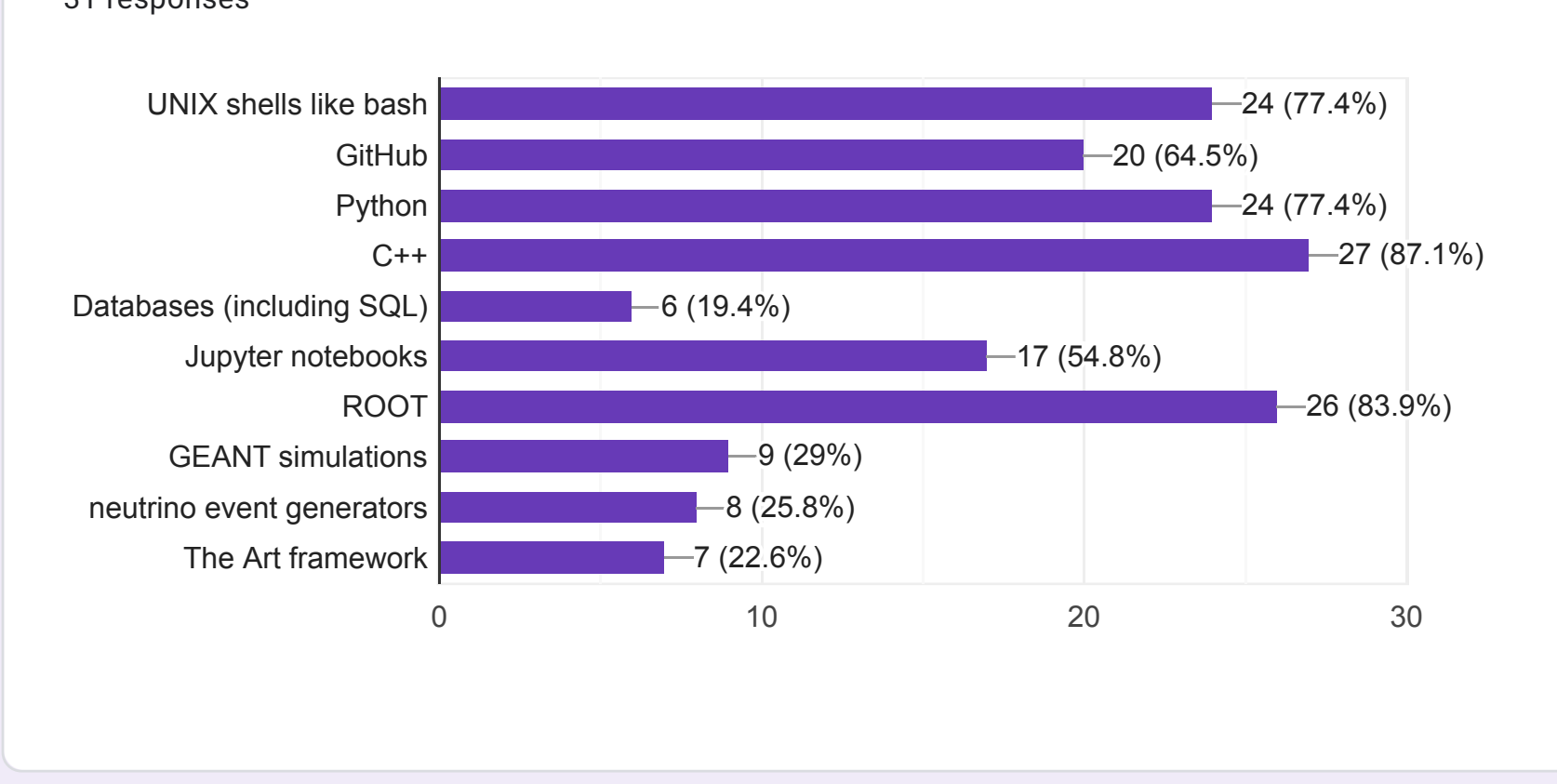
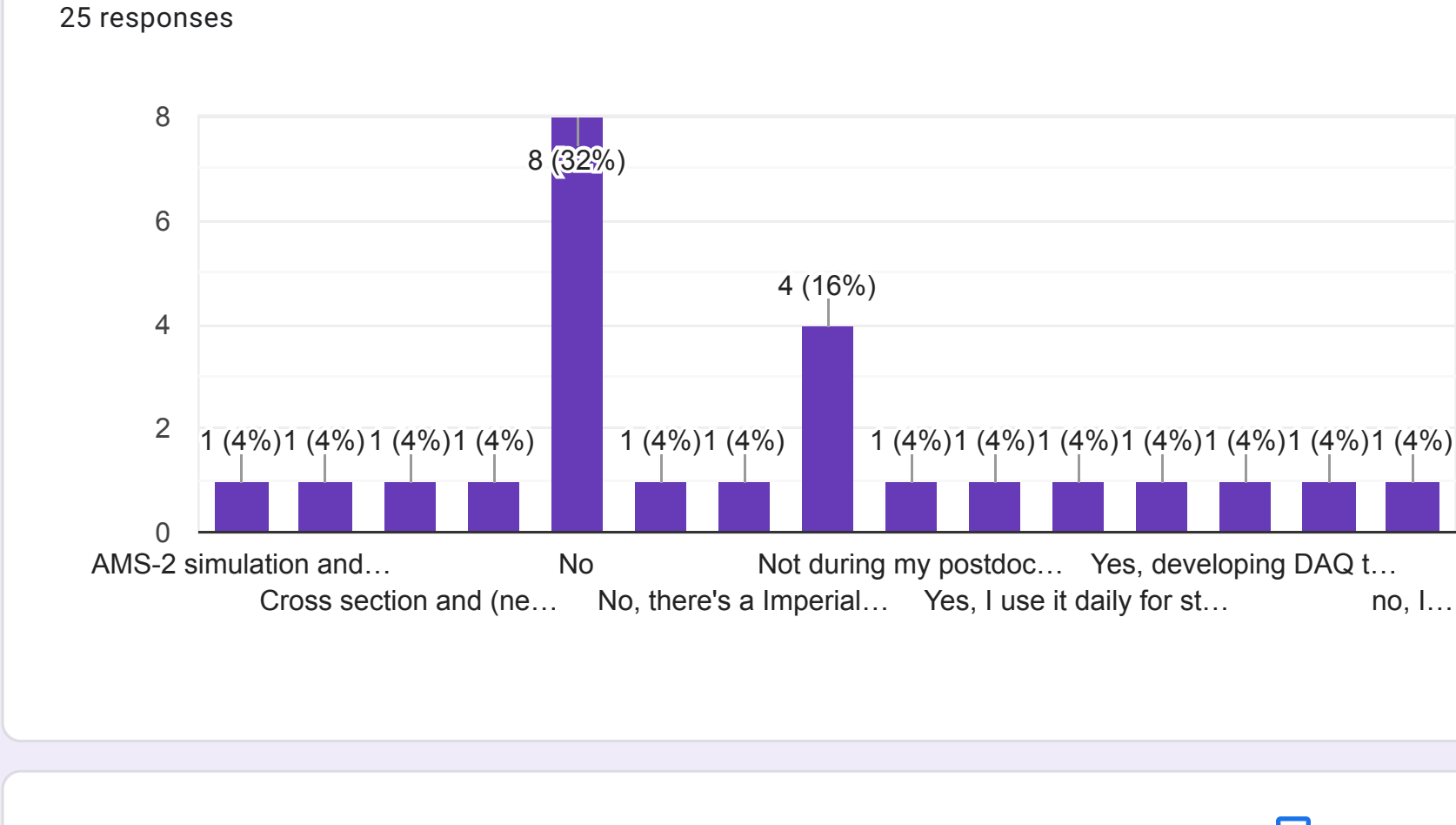
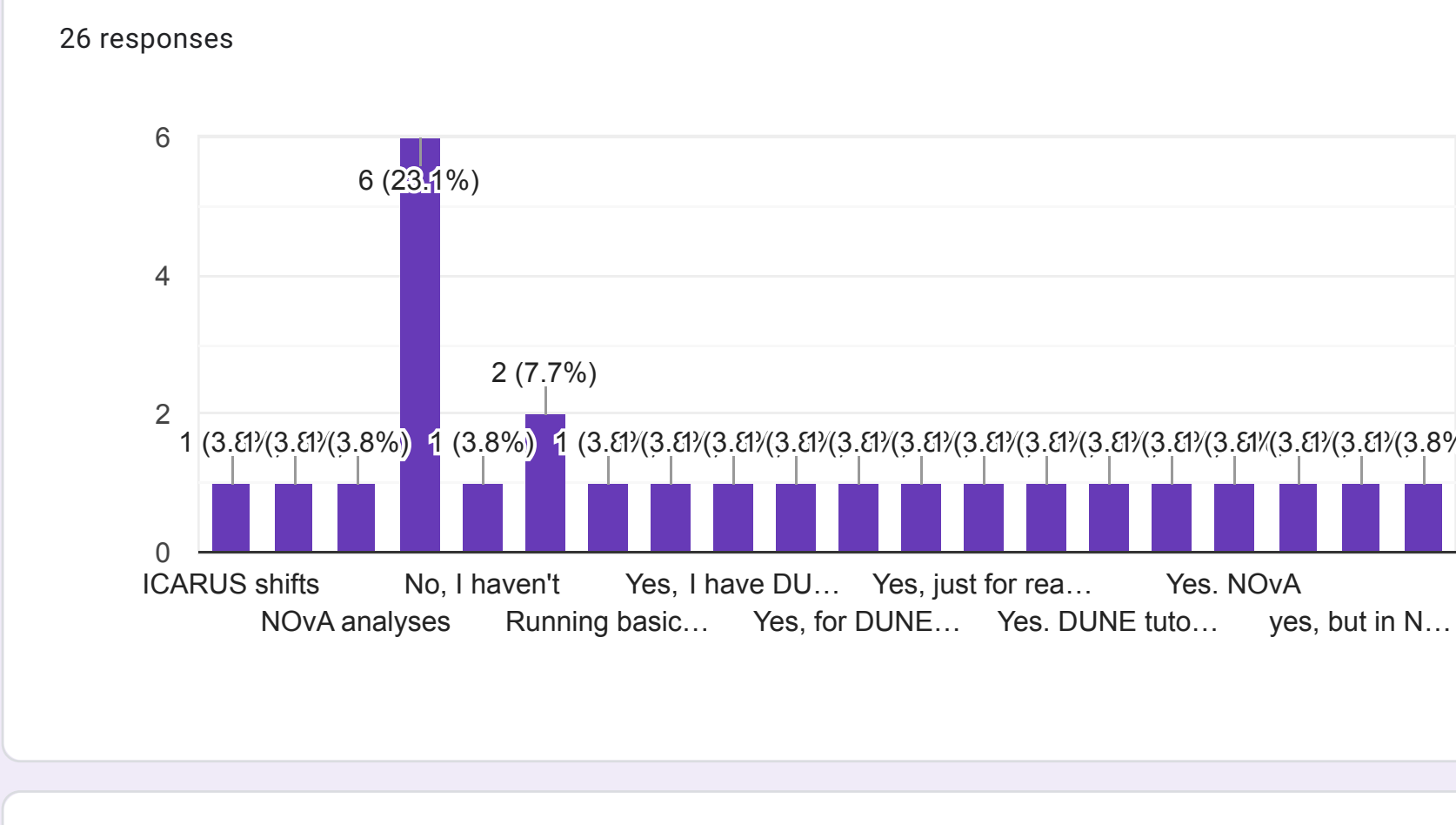
LHCb: Analysis  
SHIP and SND@LHC: Detector, online and offline software stack, analysis, conditions database

NOvA - calibration, Test Beam, ND analysis, beam constraint with PPFx

NOvA. Some BSM analyses.

KLOE, AMS, Mu2e, g-2

NA61, EMPHATIC for the HP measurements



**If shared what are they?**

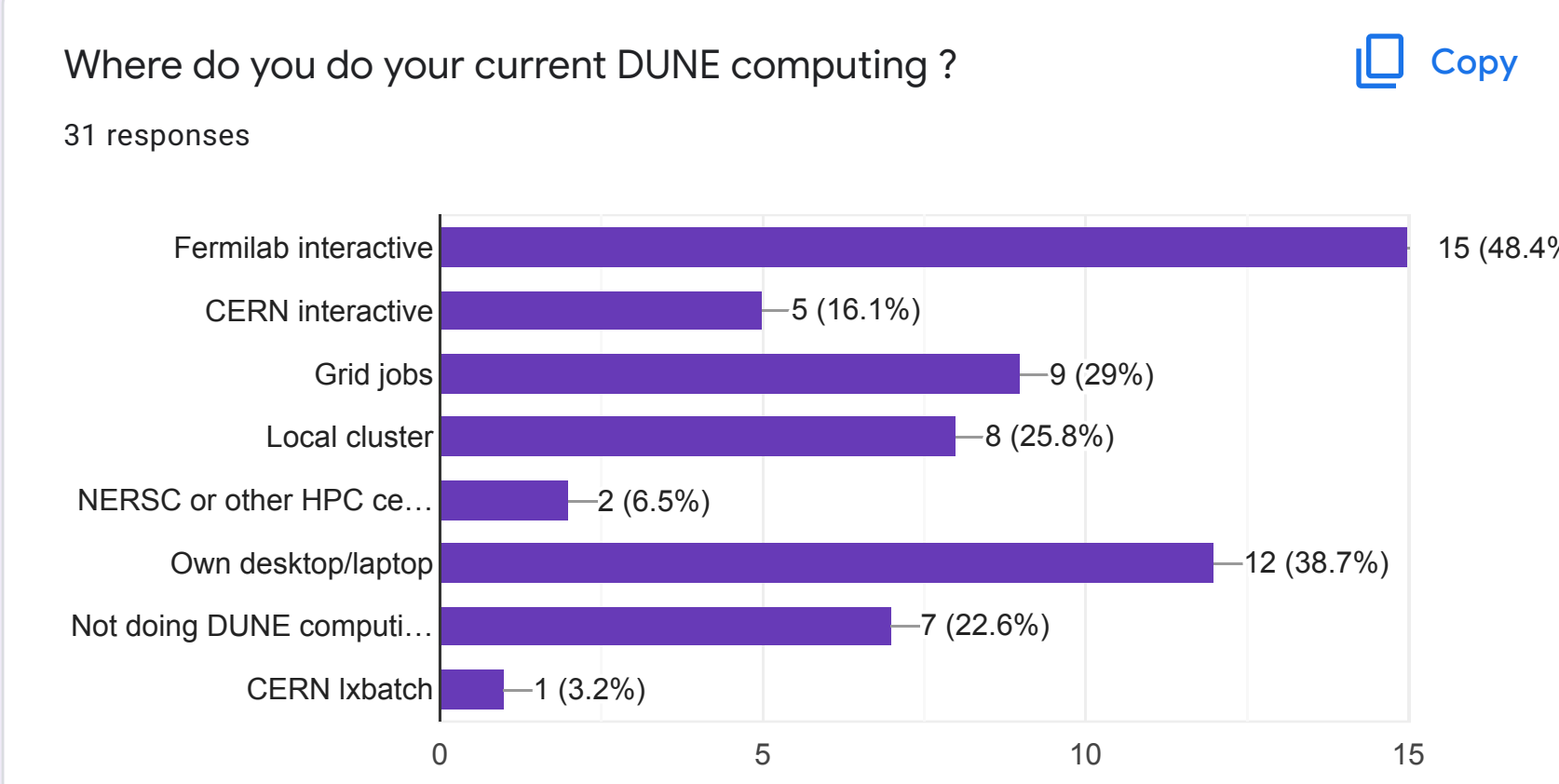
4 responses

near detector CAF files and far detector MCC-11

Prod4/4a

no

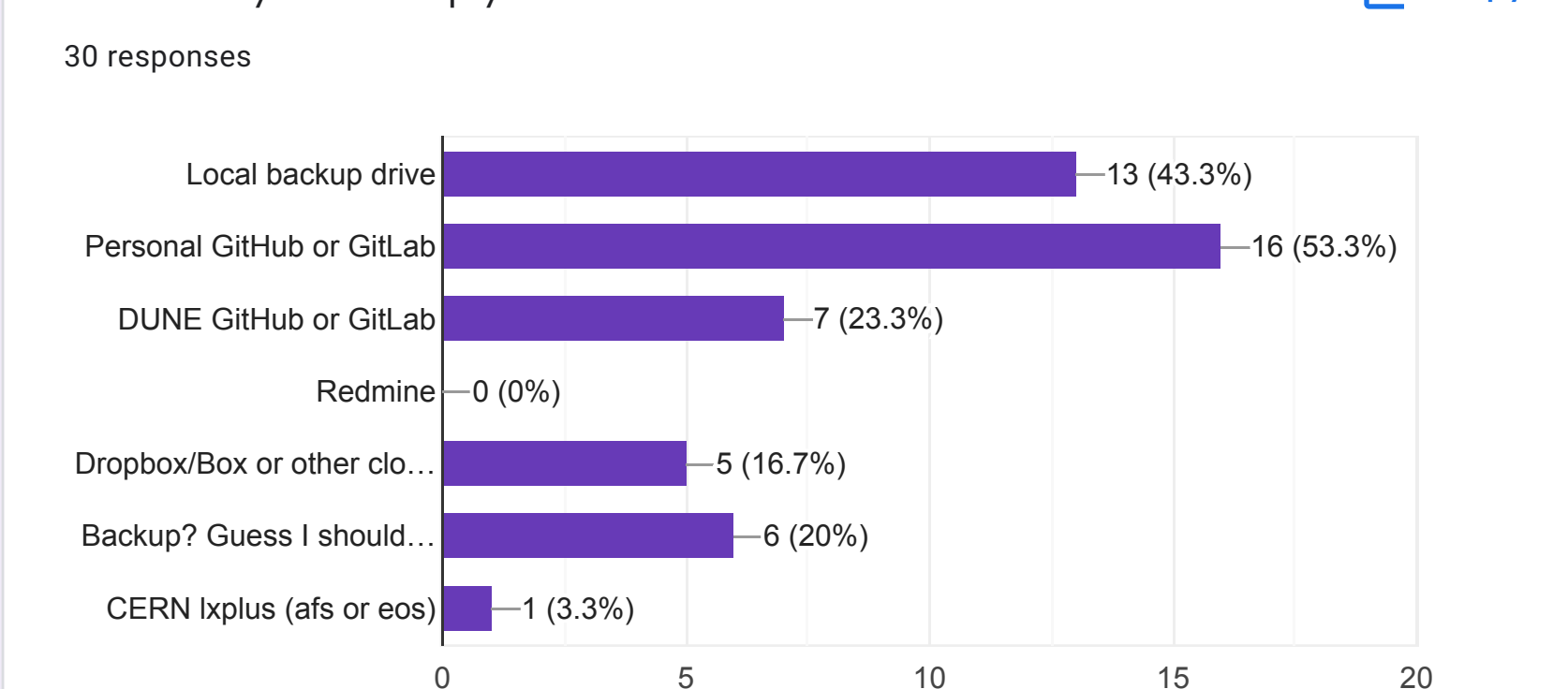
I don't use other peoples stuff.



**If other, what?**

1 response

CNAF at INFN Bologna



**If other, what?**

0 responses

No responses yet for this question.

**Is there a facility/code you would like to see DUNE make available that is not currently available to you?**

5 responses

Parris Island for Computing Boot Camp. That counts as a facility right?

No

art data products for near detector analysis

Plans to the Death Star.

Not sure

**Any other comments/questions**

3 responses

The FNAL grid job submission has always been a pain for us. It seems very cumbersome to run anything on grid. I found this fact from the oscillation analysis I am working on (some inherited job submission scripts) as well as from the past dune computing tutorials. We need set up so many softwares for LArSoft, dune tpc, mrb as well as things like xrootd, IFDH, SAM input, etc. This maybe very necessary and useful for experienced users, but it's very hard for undergraduate/early graduate to learn. Part of these is due to me not wrapping my head around all the softwares so far used at DUNE (and no one is teaching us).

If the job submission can be simplified or instructed more clearly in this tutorial, that would be very nice!

Another related item, it would be nice if we can set up some dune twiki page for these computing information as well as all the softwares we use at DUNE, as so far it looks we only have past dune computing tutorials and the info there is somewhat scattered (I understand we can always ask on Slack, but I don't expect experts to be responsive all the time).

Another caveat some of us found is if we search the dune related twiki on Google, it is not showing up. If that can be improved in the future, it would be much nicer to look for